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A

PRACTICAL GRAMMAR

OF THE

SANSKRIT LANGUAGE,

ARRANGED WITH REFERENCE TO

THE CLASSICAL LANGUAGES OF EUROPE.

FOR THE USE OF

ENGLISH STUDENTS.

BY

MONIER WILLIAMS, M.A.

PROFESSOR OF SANSKRIT AT THE EAST-INDIA COLLEGE, HAILEYBURY :

MEMBER OF THE ROYAL ASIATIC SOCIETY, AND OF THE ORIENTAL SOCIETY OF GERMANY :

FORMERLY BODEN SCHOLAR IN THE UNIVERSITY OF OXFORD.

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P R E F A C E.

IN 1846 I published a Grammar of the Sanskrit language, which I entitled 'An elementary Grammar, arranged according to a new Theory.' This work is now out of print, and a new edition is required. The increasing experience which, during the subsequent ten years, I have derived from my duties as Sanskrit Professor at the East-India College, where every student without exception is compelled by statute to acquire this language, has led me to modify some of the views I expressed in my first Grammar respecting the Indian grammatical system. I have consequently felt myself called upon to re-write the book; and although I have seen no reason to depart materially from the arrangement originally adopted, yet I am confident that the present enlarged and more complete work will be found even better adapted than its predecessor to the practical wants of the European student.

At the best, a grammar is regarded by an European as a necessary evil, only to be tolerated because unavoidable. Especially must it be so in the case of a language confessedly more copious, more elaborate and artificial, than any other language of the world, living or dead. The structure of such a language must of necessity be highly complex. To the native of Hindústán this complexity is a positive recommendation. He views in it an evidence and a pledge of the sacred and unapproachable character of the tongue which he venerates as divine. To him the study of its intricate grammar is an end, complete and satisfying in

itself. He wanders with delight in its perplexing mazes; and values that grammar most which enters most minutely into an abstract analysis of the construction of the language, apart from its practical bearing on the literature or even on the formation of his own vernacular dialect. But the matter-of-fact temperament of an European, or at least of an Englishman, his peculiar mental organization, his hereditary and educational bias, are opposed to all such purely philosophical ideas of grammatical investigation. A Sanskrit grammar intended for his use must be plain, straightforward, practical; not founded on the mere abstract theory of native grammarians, not moulded in servile conformity to Indian authority, but constructed independently from an examination of the literature, and with direct reference to the influence exercised by Sanskrit on the spoken dialects of India and the cognate languages of Europe. To the English student, as a general rule, all grammatical study is a disagreeable necessity—a mere means to an end—a troublesome road that must be passed in order that the goal of a sound knowledge of a language may be attained. To meet his requirements the ground must be cleared of needless obstacles, its rough places made smooth, its crooked places straight, and the passage over it facilitated by simplicity and perspicuity of arrangement, by consistency and unity of design, by abundance of example and illustration, by synoptical tables, by copious indices, by the various artifices of typography.

Before directing attention to the main features of the plan adopted in the present volume, and indicating the principal points in which it either differs from or conforms to the Indian system of grammatical tuition, I will endeavour to explain briefly what that system is; on what principles it is based; and in what relation it stands to the literature.

It might have been expected that in Sanskrit, as in

other languages, grammatical works should have been composed in direct subservience to the literature. But without going the length of affirming that the rules were anterior to the practice, or that grammarians in their elaborate precepts aimed at inventing forms of speech which were not established by approved usage, certain it is that in India we have presented to us the curious phenomenon of a vast assemblage of purely grammatical treatises, the professed object of which is not so much to elucidate the existing literature, as to be studied for their own sake, or as ancillary to the study of the more abstruse work of the first great grammarian, Páṇini. We have, moreover, two distinct phases of literature; the one, simple and natural—that is to say, composed independently of grammatical rules, though of course amenable to them; the other, elaborate, artificial, and professedly written to exemplify the theory of grammar. The literary compositions which preceded the appearance of Páṇini's aphorisms, probably about the 2d century B. C., belong of course to the first of these phases. Such are the Vedas, the code of Manu, and the two epic poems of the Rámáyana and Mahá-bhárata*. The Vedas, indeed, which are referred back to a period as early as the 12th or 13th century B. C., abound in obsolete and peculiar formations, mixed up with the more recent forms of grammar with so much irregularity as to lead to the inference, that the language at that time was too unsettled and variable to be brought under subjection to a system of strict grammatical rules; while the simplicity of the style in the code of Manu and the two epic poems is a plain indication that a grammar founded on and intended to be a guide to the literature as it then existed, would have

* That Páṇini was subsequent to the Mahá-bhárata may be conjectured from the circumstance that in the chapter on patronymics the examples given in the Vártikas or supplementary rules (probably nearly as ancient as the Sútras) seem to be taken from the names of the chiefs and warriors of that poem.

differed from the Páṇiníya Sūtras as a straight road from a labyrinth.

What then was the nature of Páṇini's extraordinary work, which caused so complete a revolution in the character of Sanskrit literary composition? It consisted of about four thousand Sūtras or aphorisms, composed with the symbolic brevity of the most concise *memoria technica*. These were to the science of Sanskrit grammar what the seed is to the tree, the bud to the full-blown flower. They were the germ of that series of grammatical treatises which, taking root in them, speedily germinated and ramified in all directions. Each aphorism, in itself more dark and mystic than the darkest and most mystical of oracles, was pregnant with an endless progeny of interpretations and commentaries, sometimes as obscure as the original. About one hundred and fifty grammarians and annotators followed in the footsteps of the great Father of Sanskrit grammar, and, professing to explain and illustrate his dicta, made the display of their own philological learning the paramount aim and purpose of their disquisitions.

It cannot be wondered, when all the subtlety of the Indian intellect expended itself in this direction, that the science of Sanskrit grammar should have been refined and elaborated by the Hindús to a degree wholly unknown in the other languages of the world. The highly artificial writings of later times resulted from such an elaboration, and were closely interwoven with it; and although much of the literature was still simple and natural, the greater part was affected by that passion for the display of philological erudition which was derived from the works of Páṇini and his disciples. Poetry itself became partially inoculated with the mania. Great poets, like Kálidása, who in the generality of their writings were remarkable for majestic simplicity and vigour, condescended in some of their works to humour the taste of the day by adopting

a pedantic and obscure style; while others, like Bhaṭṭi, wrote long poems, either with the avowed object of exemplifying grammar, or with the ill-concealed motive of exhibiting their own familiarity with the niceties and subtleties of speech.

Indeed it is to be regretted that the Paṇḍits of India should have overlaid their system, possessing as it does undeniable excellencies, with a network of mysticism. Had they designed to keep the key of the knowledge of their language, and to shut the door against the vulgar, they could hardly have invented a method more perplexing and discouraging to beginners. Having required, as a preliminary step, that the student shall pass a noviciate of ten years in the grammar alone, they have constructed a complicated machinery of signs, symbols, and indicatory letters, which may be well calculated to aid the memory of the initiated natives, but only serves to bewilder the English tyro. He has enough to do, in conquering the difficulties of a strange character, without puzzling himself at the very threshold in a labyrinth of symbols and abbreviations, and perplexing himself in his endeavour to understand a complicated cipher, with an equally complicated key to its interpretation. Even Colebrooke, the profoundest Sanskrit scholar of his day, imbued as he was with a predilection for every thing Indian, remarks on the eight lectures or chapters, which, with four sections under each, comprise all the celebrated Pāṇinīya Sūtras, and constitute the basis of the Hindú grammatical system;—‘The outline of Pāṇini’s arrangement is simple, but numerous exceptions and frequent digressions have involved it in much seeming confusion. The first two lectures (the first section especially, which is in a manner the key of the whole grammar) contain definitions; in the three next are collected the affixes by which verbs and nouns are inflected. Those which appertain to verbs occupy the third lecture; the fourth

and fifth contain such as are affixed to nouns. The remaining three lectures treat of the changes which roots and affixes undergo in special cases, or by general rules of orthography, and which are all effected by the addition or by the substitution of one or more elements. The apparent simplicity of the design vanishes in the perplexity of the structure. The endless pursuit of exceptions and limitations so disjoins the general precepts, that the reader cannot keep in view their intended connexion and mutual relation. He wanders in an intricate maze, and the clue of the labyrinth is continually slipping from his hand.' Again; 'The studied brevity of the Pāṇinīya Sūtras renders them in the highest degree obscure; even with the knowledge of the key to their interpretation, the student finds them ambiguous. In the application of them, when understood, he discovers many seeming contradictions; and, with every exertion of practised memory, he must experience the utmost difficulty in combining rules dispersed in apparent confusion through different portions of Pāṇini's eight lectures.'

That the reader may judge for himself of the almost incredible brevity and hopeless obscurity of these grammatical aphorisms, it may be worth while here to furnish him with one or two examples. The closing Sūtra at the end of the eighth lecture is as follows: 'अ अ a a.' Will it be believed that this is interpreted to mean, 'Let short *a* be held to have its organ of utterance contracted, now that we have reached the end of the work, in which it was necessary to regard it as being otherwise?'

Another example, taken from the third section of the eighth lecture, may be useful as showing that grammatical theory is sometimes not strictly carried out in practice. The Sūtra (VIII. 3. 31) is as follows: 'शि तुक् *śi tuk.*' This is interpreted to signify, that 'when *त्* *n* comes at the end of a word, and *ञ* *s* follows, the augment *त्* *t* may be inserted,

and न् श may then be written in three ways, thus: ण्श, ण्श, न् श.' But if we examine the best MSS. and printed works throughout the whole compass of the literature, we shall find that in practice न् श are constantly left unchanged. The same may be said of न् ज, which by another Sūtra ought to pass into ज. See rr. 55, 56. a. pp. 30, 31, of this book.

My aim has been, in the present work, to avoid the mysticism of Indian grammarians, without ignoring the best parts of their system, and without rejecting such of their technical symbols as I have found by experience to be really useful in assisting the memory.

With reference to my first chapter, the student will doubtless be impatient of the space devoted to the explanation of the alphabet. Let him understand at the outset, that a minute and accurate adjustment of the mutual relationship of letters is the very hinge of the whole subject of Sanskrit grammar. It is the point which distinguishes the grammar of this language from that of every other. In fact, Sanskrit, in its whole structure, is an elaborate process of combining letters according to prescribed rules. Its entire grammatical system, the regular formation of its nouns and verbs from crude roots, its theory of declension and conjugation, and the arrangement of its sentences, all turn on the reciprocal relationship and interchangeableness of letters, and the laws which regulate their euphonic combination. These laws, moreover, are the key to the influence which this language has exercised on the study of comparative philology. Such being the case, it is scarcely possible for a Sanskrit grammar to be too full, luminous, and explicit in treating of the letters, their pronunciation, classification, and mutual affinities.

With regard to the second chapter, which contains the rules of Sandhi or euphonic combination, I have endeavoured as far as possible to simplify a part of the grammar

which is the great impediment to the progress of beginners. There can be little doubt that the necessity imposed on early students of conquering these rules at the commencement of the grammar, is the cause why so many who address themselves energetically to the study of the language are compelled after the first onset to retire from the field dispirited, if not totally discomfited. The rules for the combination and permutation of letters form, as it were, a mountain of difficulty to be passed at the very beginning of the journey; and the learner cannot be convinced that, when once surmounted, the ground beyond may be more smooth than in other languages, the ingress to which is comparatively easy. My aim has been to facilitate the comprehension of these rules, not by omission or abbreviation, but by a perspicuous method of arrangement, and by the exhibition of every Sanskrit word with its equivalent English letters. The student must understand that there are two distinct classes of rules of Sandhi, viz. those which affect the final or initial letters of complete words in a sentence, and those which relate to the euphonic junction of roots or crude bases with affixes and terminations. Many of the latter class come first into operation in the conjugation of the more difficult verbs. In order, therefore, that the student may not be embarrassed with these rules, until they are required, the consideration of them is reserved to the middle of the volume. (See p. 124.)

As to the chapter on Sanskrit roots and the formation of nominal bases, the place which it occupies before the chapter on declension, although unusual, scarcely calls for explanation; depending as it does on the theory that nouns as well as verbs are derived from roots, and that the formation of a nominal base must precede the declension of a noun, just as the formation of a verbal base must be anterior to the conjugation of a verb. Consistency and clearness of arrangement certainly require that an enume-

ration of the affixes by which the bases of nouns are formed should precede their inflection. The early student, however, may satisfy himself by a cursory observation of the eight classes under which these affixes are distributed. Some of the most uncommon, which are only applicable to single words, have been omitted. Moreover, in accordance with the practical character of the present Grammar, the servile and indicatory letters of Indian grammarians, under which the true affix is often concealed, if not altogether lost, have been discarded. For example, the adjective *dhana-rat*, 'rich,' is considered in the following pages to be formed by the affix *rat*, and not, as in native Grammars, by *matup*; and the substantive *bhoj-ana*, 'food,' is considered to be formed with the affix *ana*, and not, as in native Grammars, by *lyut*.

In my explanation of the inflection of the base of both nouns and verbs, I have, as before, treated both declension and conjugation as a process of *Sandhi*; that is to say, *junction* of the crude base, as previously formed from the root, with the terminations. But in the present Grammar I have thought it expedient to lay more stress on the general scheme of terminations propounded by native grammarians; and in the application of this scheme to the base, I have referred more systematically to the rules of euphonic combination, as essential to a sound acquaintance with the principles of nominal and verbal inflection. On the other hand, I have in the present work deviated from the Indian system by retaining ण् *s* as a final in the declension of nouns and conjugation of verbs, for the practical reason of its being more tangible and easy to apprehend than the symbol *Visarga* or *h*, which is imperceptible in pronunciation. (See the observations under changes of final *s*, pp. 32, 33.) Even in native Grammars those terminations, the finals of which are afterwards changed to *Visarga*, are always regarded as originally ending in ण् *s*;

and the subsequent resolution of *s* into *h*, when the termination is connected with the base, is a source of confusion and uncertainty. Thus *s* is said to be the termination of the nominative case; but the nominative of अग्नि *agni*, 'fire,' would according to the Indian system be written अग्निः *agnih*, which is scarcely distinguishable in pronunciation from the base *agni*. In the following pages, therefore, the nominative is given *agnis*; and the liability of *agnis* to become *agnih* and *agnir* is explained under the head of changes of final *s* (at p. 33). This plan (which is that of Professor Bopp) has also the advantage of exhibiting the resemblance between the system of inflection in Sanskrit and Latin and Greek.

The difficulty experienced in comprehending the subject of Sanskrit conjugation has led me to give abundant examples of verbs conjugated at full. I have of course deviated from the Indian plan of placing the third person first. I have, moreover, deemed it advisable to exhibit the English equivalents of Sanskrit words in the principal examples under each declension and conjugation, knowing by experience the thankfulness with which this aid is received by early students, not thoroughly familiar with the Devanāgarī character. The numerous examples of verbs, primitive and derivative, will be found to include all the most useful in the language. In previous Grammars it has been usual to follow the native method of giving only the 3d pers. sing. of each tense, with an occasional indication of any peculiarities in the other persons. The present Grammar, on the other hand, exhibits the more difficult tenses of *every verb in full*, referring at the same time for the explanation of every peculiar formation to the rule, in the preceding pages, on which it depends. This is especially true of the 2d and 3d preterites, as these constitute the chief difficulty of the Sanskrit verb; and I have constantly found that even advanced students, if required to write out these tenses, will be guilty of inaccuracies, notwith-

standing one or two of the persons may have been given for their guidance.

In the chapter on compound words I have again endeavoured, without ignoring the Indian arrangement, to disembarass it of many elements of perplexity, and to treat the whole subject in a manner more in unison with European ideas. The explanations I have given rest on actual examples selected by myself from the Hitopadeśa and other standard works in ordinary use. Indeed this chapter and that on syntax constitute perhaps the most original part of the present volume. In composing the syntax, the literature as it exists has been my only guide. All the examples are taken from classical authors, so as to serve the purpose of an easy delectus, in which the learner may exercise himself before passing to continuous translation. The deficiency of native Grammars on this important subject is only to be accounted for on the supposition that their aim was to furnish an elaborate analysis of the philosophical structure of the language, rather than a practical guide to the study of the literature.

The exercises in translation and parsing, in the last chapter of this volume, will, it is hoped, facilitate the early student's first effort at translation. Two fables from the Hitopadeśa are given, as before, with a translation and grammatical analysis; but I have thought fit to omit the story of Vedagarbha and the selections from Manu, which I appended to my first Grammar. The Sanskrit of the former is too modern and interspersed with Bengálí idioms, while that of the latter is too advanced. I have therefore substituted for the one some easy sentences selected from classical sources; and for the other, a few simple fables from the Pañcha-tantra, the book from which a great part of the Hitopadeśa itself is drawn. Every word in these selections is explained either by notes at the foot of the page or by references to the preceding pages of the Grammar.

The separation of words by the free use of the Viráma, and the employment of a dot underneath to mark the division, whenever the blending of vowels or the association of crude bases in a compound make junction unavoidable, may offend the eye of the Oriental scholar, if habituated to the Indian system of writing; but the beginner can scarcely be expected to know which is the final and which the initial letter of words thus joined together. Why, therefore, refuse him a clue to guide him in his search for the word in the dictionary? and why, by uniting those parts of a sentence which admit of separation, superadd an unnecessary source of perplexity to the necessary difficulty, unknown in other languages, resulting from the blending of vowels and the composition of words? It may be quite true that, according to native authorities, the Viráma ought only to be employed when no *Sandhi* takes place; and that, according to the strict interpretation of the word *Sandhi*, actual contact ought to ensue whenever a law of euphony comes into operation. But does euphonic connexion necessarily imply contact? and may not words be mutually affected by euphonic laws, without being actually joined together?

The system of uniting words which are really distinct may commend itself to the natives of Hindústán, as tending to reduce the labour of writing; but in Europe, where abundant punctuation is deemed essential to facilitate reading, the absence of spaces must always be regarded as productive of unnecessary hindrance. The student has already sufficient obstacles to surmount in the Deva-nágarí character and the rules for the permutation of letters. The changes required by these rules will cause no embarrassment, provided separation be permitted, in accordance with the European method. Thus the Latin scholar, if acquainted with the laws of permutation, would not be embarrassed by the sentence *Uby ad Dianæ venerit itav at sinistram*

(euphonically changed from *ubi ad Dianæ veneris ito ad sinistram*); but he would, to say the least, be unnecessarily hindered if this permuted sentence were linked together into two words, thus — *Ubyaddianæ veneriritavatsinistram*. Nor is it easy to understand why the slight spaces between the words in the first case should be deemed incompatible with the operation of euphonic laws. If such separation, therefore, is only to be effected in Sanskrit by extending the legitimate functions of the Viráma, the facilities afforded by modern typography ought to leave us free to do so. The only cases in which it is undesirable to separate distinct words, acted on by *Sandhi*, are when two vowels blend into one, and when final *u* and *i* are changed into their corresponding semivowels *v* and *y*.

In regard to the general scope of the book, it remains to state that my aim has been to minister to the wants of the earliest as well as the more advanced student. I have therefore employed types of two different sizes. The larger attracts the eye to those parts of the subject to which the attention of the beginner may advantageously be confined. The smaller generally contains such matter as offers no claim to immediate consideration.

Under the conviction that the study of Sanskrit ought to possess charms for the classical scholar, independently of its wonderful literature, I have taken pains to introduce in small type the most striking comparisons between this language and Latin and Greek. I am bound to acknowledge that I have drawn nearly all the materials for this important addition to the book from the English translation of Bopp's Comparative Grammar, by my friend and colleague Professor Eastwick.

One point more remains to be noticed. The want of an Index was felt to be a serious defect in my first Grammar. This omission is now supplied. Two full Indices have been appended to the present work, the one English, and the

other Sanskrit. The latter will enable the student to turn at once to any noun, verb, affix, idiom or peculiar formation explained in the foregoing pages.

In conclusion, I desire to take this opportunity of expressing to the Delegates of the Oxford University Press my grateful and respectful sense of the advantages the volume derives from their favour and patronage*.

M. W.

EAST-INDIA COLLEGE, HAILEYBURY,
January 1857.

* Not the least of these advantages has been the use of a press which, in its appointments and general efficiency, stands unrivalled. The judgment and accuracy with which the most intricate parts of my MS. have been printed, have excited a thankfulness in my mind, which those only can understand who know the toil of correcting the press, when much Oriental type is interspersed with the Roman, and when a multitude of minute diacritical points, dots, and accents have to be employed to represent the Deva-nāgarī letters. If many errors are discovered in the following pages, they must be laid at my own door; and I have nothing to urge in palliation, excepting that I have spared no pains to avoid inaccuracies, and that the work of one man, however careful and laborious, cannot be expected to be free from the imperfection incidental to all human performances.

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INTRODUCTORY REMARKS.

SANSKRIT is the classical and learned language of the Hindús, in which all their literature is written, and which bears the same relation to their vernacular dialects that Greek and Latin bear to the spoken dialects of Europe. It is one of the family called by modern philologists Aryan* or Indo-European; that is to say, it is derived, in common with the languages of Europe, from that primeval but extinct type, once spoken by a tribe in Central Asia, partly pastoral, partly agricultural, who afterwards separated into distinct nationalities, migrating first southwards into Áryávarta or Upper India—the vast territory between the Himálaya and Vindhya mountains—and then northwards and westwards into Europe.

In all probability Sanskrit approaches more nearly to this primitive type than any of its sister-tongues; but, however this may be, comparative philology has proved beyond a doubt its community with Greek, Latin, Gothic, Lithuanian, Slavonic, Keltic †, and through some of these with Italian, French, Spanish, Portuguese, German, and our own mother-tongue.

The word Sanskrit (संस्कृत *sanskṛita*) is made up of the preposition *sam* (सं = *σνν*, *con*), ‘together,’ and the passive participle *kṛita* (कृत = *factus*), ‘made,’ an euphonic *s* being inserted (see 53. *a.* and 6. *b.* of the following Grammar). The compound means ‘carefully constructed,’ ‘symmetrically formed’ (*confectus*, *constructus*). In this

* More properly written Aryan, from the Sanskrit आर्य *árya*, ‘noble,’ ‘venerable,’ ‘respectable,’ the name assumed by the race who immigrated into Northern India, thence called Áryávarta, ‘the abode of the Aryans.’

† Zand and old Persian might be added to the list, although the reality of Zand as any thing more than the vehicle of the sacred writings called *Zand-Avastá* (affirmed by the Parsí priests of Persia and India to be the composition of their prophet Zoroaster) has been disputed. Comparative philologists also add Armenian.

sense it is opposed to Prākṛit (प्राकृत *prākṛita*), ‘common,’ ‘natural,’ the name given to the vulgar dialects which gradually arose out of it, and from which most of the languages now spoken in Upper India are more or less directly derived. It is probable that Sanskr̥it, although a real language—once the living tongue of the Áryan or dominant races, and still the learned language of India, preserved in all its purity through the medium of an immense literature—was never spoken in its most perfect and systematized form by the mass of the people. For we may reasonably conjecture, that if the language of Addison differed from the vulgar and provincial English of his own day, and if the Latin of Cicero differed from the spoken dialect of the Roman plebeian, much more must the most polished and artificial of all languages have suffered corruption when it became the common speech of a vast community, whose separation from the educated classes was far more marked. To make this hypothesis clearer, it may be well to remind the reader, that, before the arrival of the Sanskr̥it-speaking immigrants, India was inhabited by a rude people, called ‘barbarians’ or ‘outcastes’ (*Mlechchhas*, *Nishádas*, *Dasyus*, &c.) by Sanskr̥it writers, but probably the descendants of various Scythian hordes who, at a remote period, entered India by way of Bilúchistán* and the Indus. The more powerful and civilised of these aboriginal tribes appear to have retired before the Áryans into Southern India, and there to have retained their independence, and with their independence the individuality and essential structure of their vernacular dialects. But in Upper India the case was different. There, as the Áryan race increased in numbers and importance, their full and powerful language forced itself on the aborigines. The weak and scanty dialect of the latter could no more withstand a conflict with the vigorous Sanskr̥it, than a puny dwarf the aggression of a giant. Hence the aboriginal tongue gradually wasted away, until its identity became merged in the language of the Áryans; leaving, however, a faint and skeleton-like impress of itself on the purer Sanskr̥it of the educated classes, and disintegrating it into Prākṛit, to serve the purposes of ordinary speech †.

* The Brahmí, a dialect of Bilúchistán, still preserves its Scythian character.

† The cerebral letters in Sanskr̥it, and words containing cerebral letters, are probably the result of the contact of Sanskr̥it with the language of the Scythian

Prākṛit, then, was merely the natural process of change and corruption which the refined Sanskṛit underwent in adapting itself to the exigencies of a spoken dialect*. It was, in fact, the provincial Sanskṛit of the mass of the community; whilst Sanskṛit, properly so called, became, as it is to this day, the language of the Bráhmaṇs and the accomplishment of the learned †.

This provincial Sanskṛit assumed of course different modifications, according to the circumstances of the district in which the corruption took place; and the various modifications of Prākṛit are the intermediate links which connect Sanskṛit with the dialects at present spoken by the natives of Hindústán.

They have been analyzed and assorted by Vararuchi, the ancient grammarian, who was to Prākṛit what Páṇini was to Sanskṛit grammar. The most noticeable varieties were the *Mágadhí*, spoken in Magadha or Bihár; the *Maháráshtrí*, spoken in a district stretching from Central to Western India; and the *Śaurasení*, spoken on the banks of the Janná, in the neighbourhood of the ancient Mathurá‡. These patois modifications of Sanskṛit are employed as the language of the inferior characters in all the Hindú dramas which have come

tribes: and a non-Sanskṛit, or, as it may be called, a Scythian element, may be traced with the greatest clearness in the modern dialects of Hindústán. In all of these dialects there is a substratum of words, foreign to Sanskṛit, which can only be referred to the aboriginal stock. See the last note at the bottom of p. xxii.

* It would be interesting to trace the gradual transition of Sanskṛit into Prākṛit. In a book called the *Lalita-vistara*, the life and adventures of Buddha are narrated in pure Sanskṛit. It is probably of no great antiquity, as the Buddhists themselves deny the existence of written authorities for 400 years after Buddha's death (about B. C. 543). But subjoined to the Sanskṛit version are *gáthás* or songs, which repeat the story in a kind of mixed dialect, half Sanskṛit, half Prākṛit. They were probably rude ballads, which, though not written, were current among the people soon after Buddha's death. They contain Vaidik as well as more modern formations, interspersed with Prākṛit corruptions (ex. gr. **ऽृगुहि** for **ऽृगु**, which is Vaidik; and **धरेन्नि** for **धारयन्नि**, which is Prākṛit), proving that the language was then in a transition state.

† The best proof of this is, that in the Hindú dramas all the higher characters speak Sanskṛit, whilst the inferior speak various forms of Prākṛit. It is idle to suppose that Sanskṛit would have been employed at all in dramatic composition, had it not been the spoken language of a section of the community.

‡ Arrian (ch. VIII) describes the *Suraseni* as inhabiting the city of Methoras.

down to us, some of which date as far back as the 2d century B. C., and the first of them is identical with *Páli*, the sacred language of the Ceylon Buddhists*. Out of them arose *Hindí* (termed *Hindústání* or *Urdú*, when mixed with Persian and Arabic words), *Maráthí*, and *Gujaráthí*, the modern dialects spread widely over the country. To these may be added, *Bengáli*, the language of Bengal, which bears a closer resemblance to its parent, Sanskrit, than either of the three enumerated above; *Uriya*, the dialect of Orissa, in the province of Cuttack; *Sindhí*, that of Sindh; *Pañjábí*, of the Pañjáb; *Kásmírian*, of Kásmír; and *Nipálese*, of Nipál †.

The four languages of Southern India, viz. 1. Tamil ‡, 2. Telugu (the *Ándhra* of Sanskrit writers) §, 3. Kanarese (also called *Kannadi* or *Karṇáṭaka*), and 4. Malayálam (Malabar) ||, although drawing largely from Sanskrit for their literature, their scientific terms, their religion, their laws, and their social institutions, are proved to be distinct in their structure, and are referred, as might have been expected from the previous account of the aborigines, to the Scythian, or, as it is sometimes termed, the Tatar or Turanian type ¶.

* *Páli*, which is identical with the *Mágadhí Prákṛit*, is the language in which the sacred books of the Buddhists of Ceylon are written. Buddhist missionaries from Magadha carried their religion, and ultimately (after the decay of Buddhism in India) their language, into that island. *Páli* (meaning in Singhaliese 'ancient') is the name which the priests of Ceylon gave to the language of the *old* country, whence they received their religion.

† For an account of some of these dialects, see Prof. H. H. Wilson's very instructive Preface to his 'Glossary of Indian Terms.'

‡ Often incorrectly written *Tamul*, and by earlier Europeans erroneously termed *Malabar*. The cerebral *l* at the end has rather the sound of *rl*.

§ Sometimes called *Gentoo* by the Europeans of the last generation.

|| A fifth language is enumerated, viz. *Tuḷu* or *Tuḷava*, which holds a middle position between Kanarese and Malayálam, but more nearly resembles the former. It is spoken by only 150,000 people. Added to this, there are four rude and uncultivated dialects spoken in various parts of Southern India, viz. the *Tuda*, *Kôta*, *Gônd*, and *Ku* or *Khond*; all of which are affiliated with the Southern group.

¶ This is nevertheless consistent with the theory of a remote original affinity between these languages and Sanskrit and the other members of the Indo-European family. The various branches of the Scythian stock, which spread themselves in all directions westward, northward, and southward, must have radiated from a common centre with the *Áryans*, although the divergence of the latter took place at a much

Sanskrit is written in various Indian characters, but the character which is peculiarly its own is the Nágari or Deva-nágari, i. e. that of 'the divine, royal, or capital city.' The earliest form of this character cannot be traced back to a period anterior to the 3d century B. C.*; and the more modern, which is the most perfect, comprehensive, and philosophical of all known alphabets, is not traceable for several centuries *after* Christ. The first is the corrupt character of the various inscriptions which have been discovered on pillars and rocks throughout India, written in Mágadhí Prákṛit, spoken at the time of Alexander's invasion over a great part of Hindústán. These inscriptions are ascertained to be addresses from the Buddhist sovereigns of Magadha to the people, enjoining the practice of social virtues and reverence for the priests. They are mostly in the name of Piya-dasi† (for Sanskrit Priya-darśí), supposed to be an epithet of Aśoka, who is known to have reigned at some period between the 2d and the 3d century B. C. by his being the grandson of Chandra-gupta, probably identical with Sandrakottus, described by Strabo as the most powerful Rájá, immediately succeeding Alexander's death. He was one of the kings of Magadha (Bihár), whose court was at Páli-bothra or Pátali-putra (Patna), and who claimed the title of Samráṭs or universal monarchs; not without reason, as their addresses are found in these inscriptions at Delhi, and at Kuttaek in the south, and again as far west as Gujarát, and again as far north as the Pañjáb. The imperfect form of Nágari which the corrupt character exhibits is incompatible with Sanskrit orthography. It may therefore be conjectured that a more perfect alphabet existed, which bore

later period. It is to be observed, that in the South-Indian dialects the Scythian element constitutes the bulk of the language. It may be compared to the warp, and the Sanskrit admixture to the woof. In the Northern dialects the grammatical structure and many of the idioms and expressions are still Scythian, but the whole material and substance of the language is Sanskrit. See, on this subject, the able Introduction of the Rev. R. Caldwell to his 'Comparative Grammar of the Dráviḍian or South-Indian Languages,' lately published.

* Mr. James Prinsep, whose table of modifications of the Sanskrit alphabet follows these Remarks, placed the earliest form, apparently on insufficient grounds, as far back as the 5th century B. C.

† The regular Prákṛit form would be Pia-dassi. Probably the spoken Prákṛit of that period approached nearer to Sanskrit than the Prákṛit of the plays.

the same relation to the corrupt form that Sanskr̥it bore to Prákṛit. Nor does it militate against this theory that the perfect character is not found in any ancient inscription, as it is well known that the Bráhmaṇs, who alone spoke and understood the pure Sanskr̥it, and who alone would therefore need that character, never addressed the people, never proselytized, never sought political power, and never cared to emerge from the indolent apathy of a dignified retirement.

A table of the various modifications of the Deva-nágarí alphabet, both ancient and modern, from the date of the earliest inscriptions to the present time, follows this page. The perfection of the modern character, and the admirable manner in which it adapts itself to the elaborate and symmetrical structure of the Sanskr̥it language, will be apparent from the first chapter.

MODIFICATIONS

OF THE

SANSKRIT ALPHABET.

	FIFTH CENTURY B.C. Rise of Buddhism.	UNGER-TAIN. Western Caves.	THIRD CENTURY B.C. Asoka Inscription.	SECOND CENTURY A.D. Gujarāt dated plates.	FIFTH CENTURY A.D. Gupta Dynasty.	SEVENTH CENTURY A.D. Tibetan alphabet.	TENTH CENTURY A.D. Kutila Inscription.	NAR-BADDA.	KISTNA.	MODERN DEVA-NAGARI.	BENGALI.	GUJARATHI.	PANJABI.	KAS-MIRIAN.
P	𑀧	𑀧	𑀧	𑀧	𑀧	𑀧	𑀧	𑀧	𑀧	प	প	પ	ਪ	ਪ
Ph	𑀧𑀺	𑀧𑀺	𑀧𑀺	𑀧𑀺	𑀧𑀺	𑀧𑀺	𑀧𑀺	𑀧𑀺	𑀧𑀺	फ	ফ	ફ	ਫ	ਫ
B	𑀧𑀼	𑀧𑀼	𑀧𑀼	𑀧𑀼	𑀧𑀼	𑀧𑀼	𑀧𑀼	𑀧𑀼	𑀧𑀼	ब	ব	બ	ਬ	ਬ
Bh	𑀧𑀼𑀺	𑀧𑀼𑀺	𑀧𑀼𑀺	𑀧𑀼𑀺	𑀧𑀼𑀺	𑀧𑀼𑀺	𑀧𑀼𑀺	𑀧𑀼𑀺	𑀧𑀼𑀺	भ	ভ	ભ	ਭ	ਭ
M	𑀧𑀽	𑀧𑀽	𑀧𑀽	𑀧𑀽	𑀧𑀽	𑀧𑀽	𑀧𑀽	𑀧𑀽	𑀧𑀽	म	ম	મ	ਮ	ਮ
Y	𑀧𑀾	𑀧𑀾	𑀧𑀾	𑀧𑀾	𑀧𑀾	𑀧𑀾	𑀧𑀾	𑀧𑀾	𑀧𑀾	य	য	ય	ਯ	ਯ
R	𑀧𑀿	𑀧𑀿	𑀧𑀿	𑀧𑀿	𑀧𑀿	𑀧𑀿	𑀧𑀿	𑀧𑀿	𑀧𑀿	र	র	ર	ਰ	ਰ
L	𑀧𑀻	𑀧𑀻	𑀧𑀻	𑀧𑀻	𑀧𑀻	𑀧𑀻	𑀧𑀻	𑀧𑀻	𑀧𑀻	ल	ল	લ	ਲ	ਲ
V	𑀧𑀽𑀺	𑀧𑀽𑀺	𑀧𑀽𑀺	𑀧𑀽𑀺	𑀧𑀽𑀺	𑀧𑀽𑀺	𑀧𑀽𑀺	𑀧𑀽𑀺	𑀧𑀽𑀺	व	ব	વ	ਵ	ਵ
Ś	𑀧𑀾𑀺	𑀧𑀾𑀺	𑀧𑀾𑀺	𑀧𑀾𑀺	𑀧𑀾𑀺	𑀧𑀾𑀺	𑀧𑀾𑀺	𑀧𑀾𑀺	𑀧𑀾𑀺	श	শ	શ	ਸ	ਸ
Sh	𑀧𑀾𑀺𑀼	𑀧𑀾𑀺𑀼	𑀧𑀾𑀺𑀼	𑀧𑀾𑀺𑀼	𑀧𑀾𑀺𑀼	𑀧𑀾𑀺𑀼	𑀧𑀾𑀺𑀼	𑀧𑀾𑀺𑀼	𑀧𑀾𑀺𑀼	ष	ষ	ષ	ਸ਼	ਸ਼
S	𑀧𑀾𑀺𑀽	𑀧𑀾𑀺𑀽	𑀧𑀾𑀺𑀽	𑀧𑀾𑀺𑀽	𑀧𑀾𑀺𑀽	𑀧𑀾𑀺𑀽	𑀧𑀾𑀺𑀽	𑀧𑀾𑀺𑀽	𑀧𑀾𑀺𑀽	स	স	સ	ਸ	ਸ
H	𑀧𑀾𑀺𑀾	𑀧𑀾𑀺𑀾	𑀧𑀾𑀺𑀾	𑀧𑀾𑀺𑀾	𑀧𑀾𑀺𑀾	𑀧𑀾𑀺𑀾	𑀧𑀾𑀺𑀾	𑀧𑀾𑀺𑀾	𑀧𑀾𑀺𑀾	ह	হ	હ	ਹ	ਹ

MODERN CONJUNCTION OF CONSONANTS.

ळ kt, ळ kr, ळ kl, ळ kw, च ksh, च khy, य gn, य gr, ल gl, प्र ghr, ळ nk, ळ ng, ळ cheh, च्च chehh, च्च chyh, ज्ज jh, ज्ज jw, ज्ज jin, ज्ज nich,
 च्च icheh, ज्ज uj, ट्ठ tt, ए ए pt, ए ए th, ए ए n, ए ए nd, त्त् t, त्त् tn, ल ल m, ल ल ty, च्च tr, त्त् ts, च्च ddbh, ळ dbh, ब्ब dy, द्द dr, द्द dw, न्त nt, न्द nd, ळ nn,
 ळ pt, य py, प्र pr, स pl, न्द bd, ब्र br, भ्भ bh, म्म my, ल ल, ल ल p, व व्य, व व्य, व्च sch, श्श sy, य sr, छ छ sh, छ छ shft,
 य shy, स st, स sy, स sr, स ss, ल ल h, ल ल hm, न्द bh, त्त् kt, त्त् ktw, ल ल ksh, ळ kshy, ल ल kshw, ळ kshy, ळ n'ksh, ळ n'kshy, ळ n'gry,
 च्च chehhw, च्च ttw, त्त् tsn, द्र dgr, छ छ ddy, द्द ddw, छ छ ddhy, छ छ ddhw, च्च dbhy, च्च dry, द्द dwy, ल ल ty, ल ल py, प्र प्र shtr, ळ n'kty, ळ n'kwy.

SANSKRIT GRAMMAR.

CHAPTER I.

LETTERS.

I. THE Deva-nágarí character, in which the Sanskrít language is written, is adapted to the expression of almost every known gradation of sound; and every letter has a fixed and invariable pronunciation.

There are fourteen vowels and thirty-three simple consonants. To these may be added the nasal symbol, called *Anuswára*, and the symbol for a final aspirate, called *Visarga* (see No. 6). They are here exhibited in the dictionary order*. All the vowels, excepting *a*, have two forms; the first is the initial, the second the medial or non-initial.

VOWELS.

अ *a*, आ *á*, इ *i*, ई *í*, उ *u*, ऊ *ú*, ऋ *ṛi*, ॠ *ṛí*.
ऌ *ḷi*, ॡ *ḷí*, ए *e*, ऐ *ai*, ओ *o*, औ *au*.

Nasal symbol, *ñ* or *m*. Symbol for the final aspirate, *h*.

CONSONANTS.

velar	Gutturals,	क <i>k</i>	ख <i>kh</i>	ग <i>g</i>	घ <i>gh</i>	ङ <i>ṅ</i>
	Palatals,	च <i>ch</i>	छ <i>chh</i>	ज <i>j</i>	झ <i>jh</i>	ञ <i>ñ</i>
retro	Cerebrals,	ट <i>t</i>	ठ <i>th</i>	ड <i>ḍ</i>	ढ <i>dh</i>	ण <i>ṇ</i>
	Dentals,	त <i>t</i>	थ <i>th</i>	द <i>d</i>	ध <i>dh</i>	न <i>n</i>
✓	Labials,	प <i>p</i>	फ <i>ph</i>	ब <i>b</i>	भ <i>bh</i>	म <i>m</i>
	Semivowels,	य <i>y</i>	र <i>r</i>	ल <i>l</i>	व <i>v</i>	
	Sibilants,	श <i>ś</i>	ष <i>śh</i>	स <i>s</i>		
	Aspirate,	ह <i>h</i>				

The compound or conjunct consonants (see No. 5) may be multiplied to the extent of four or five hundred. The most common

* The character ॠ *ṛí* is not given, as being peculiar to the Vedas. See 16. *a*.

are given here ; a fuller list will be found at the end of the volume ; and some varieties in a different type are exhibited at the end of the Table of Modifications, opposite to page 1.

THE MORE COMMON OF THE COMPOUND OR CONJUNCT CONSONANTS.

क *kk*, क *kt*, क or क *kr*, क *kl*, क *kw*, क्ष *ksh*, ख्य *khy*, ग *gn*, ग्र *gr*, गू *gl*,
 प्र *ghr*, क *n-k*, ङ *n-g*, च *chch*, छ *chchh*, च्य *chy*, ज्ञ *jj*, ङ *jjñ*, ज्व *jjv*,
 च *ñch*, च्छ *ñchh*, ञ *ñj*, ट *tt*, ट्य *ty*, ङ *dg*, ङ्य *dy*, ण *nt*, ण *nth*, ण *nd*,
 ण *ny*, ण्य *ny*, त *tt*, त्य *tth*, त *tn*, त *tm*, त *ty*, त or त *tr*, त *tw*, त *ts*,
 य्य *thy*, ङ *dg*, ड *ddh*, ड *dbh*, ड *dm*, ड *dy*, ड *dr*, ड *dw*, ध्य *dhy*, ध्य *dhu*,
 न *nt*, न *nd*, न *nn*, न्य *ny*, न *pt*, प्य *py*, प्र *pr*, प्र *pl*, ब्ज *bj*, ब *bd*, व्य *by*,
 ब *br*, भ्य *bhy*, भ *bhr*, भ्भ *mbh*, म्म *mm*, म्य *my*, म *ml*, य्य *yy*, र्क *rk*,
 र्म *rm*, ल्य *lp*, ल *ll*, व्य *vy*, व *vr*, श्य *śch*, श्य *śy*, श *śr*, श *śl*, श *św*, श *sh*,
 श *shth*, ष *shp*, ष *shy*, स्क *sk*, ख *skh*, स्त *st*, स्थ *sth*, स *sn*, स *sm*,
 स्य *sy*, स *sr*, स्व *sw*, स्स *ss*, ह *hm*, ह्य *hy*, ह *hl*, क्य *kty*, क *ktr*, क *ktw*,
 ह्य *kshy*, ह्य *kshm*, ह्य *kshy*, ग्य *gny*, ग्य *gbhy*, ग्र *gry*, क *n-kt*, क *n-ky*.
 छ्य *chchhy*, छ *chchhr*, ण्य *ndy*, त *tsn*, त्य *tmy*, त्र *try*, त्स *tsy*, त *ttr*,
 त *ttw*, द्य *ddy*, द्य *ddhy*, द्य *dbh*, द्य *dry*, न्य *nty*, म्य *mby*, र्द *rdr*, र्य *ryy*,
 र्व *rvv*, श्य *shtr*, स्थ *sthn*, स्य *sty*, स्त्र *str*, त्स्य *tsny*, न्य *ntry*, र्स्य *rtsy*,
 र्स्य *rtsny*.

OF THE METHOD OF WRITING THE VOWELS.

Observe—In reading the following pages for the first time, it is recommended that the attention be confined to the large type.

2. The short vowel अ *a* is never written unless it begin a word, because it is supposed to be inherent in every consonant. Thus, *ak* is written अक, but *ka* is written क; so that in such words as कनक *kanaka*, नगर *nagara*, &c., no vowel has to be written. The mark ˘ under the *k* of अक, called Virāma (see No. 9), indicates a consonantal stop, that is, the absence of any vowel, inherent or otherwise, after the consonant.

a. The other vowels, if written after a consonant, take the place of the inherent *a*. They assume two forms, according as they are initial or not initial. Thus, *ik* is written इक्, but *ki* is written कि.

b. Observe here, that the short vowel *i*, when *not initial*, is always written *before* the letter *after* which it is pronounced. Hence, in writing the English word *sir*, the letters in Sanskrit would be arranged thus, *isr* सिर.

c. The only assignable reason for this peculiarity is, that the top of the non-initial *i*, if written in its right place, might occasionally interfere with a subsequent

letter, especially with the letter *r*, as the first member of a conjunct consonant. This will be evident to any one who tries in writing the word *kirk* in Sanskrit to retain the *i* in its proper place.

3. The long vowels ि *á* and ि *í*, not initial, take their proper place after a consonant. The vowels *u*, *ú*, *ri*, *rí*, *lri*, not initial, are written *under* the consonants after which they are pronounced; as, कु *ku*, कू *kú*, कृ *krí*, कृ *krí*, क्लृ *klrí*; excepting when *u* or *ú* follows र *r*, in which case the method of writing is peculiar; thus, रु *ru*, रू *rú*.

a. The vowels *ri*, *rí*, *lri* and *lrí* are peculiar to Sanskrit. See No. 11. *c.* लृ *lrí* occurs in only one word, viz. क्लृष् 'to make.' The long लृ *lrí* is not found in any word in the language, and is useless excepting as contributing to the completeness of the alphabet.

b. The vowels *e* and *ai*, not initial, are written above the consonants after which they are pronounced; thus, के *ke*, कै *kai*. The vowels *o* and *au* (which are formed by placing ˘ and ˆ over ि *á*), like ि *á*, take their proper place after their consonants; thus, को *ko*, कौ *kau*.

OF THE METHOD OF WRITING THE CONSONANTS.

4. The consonants have only one form, whether initial or not initial. And here note this peculiarity in the form of the Devanāgarī letters. In every consonant, excepting those of the cerebral class, and in some of the initial vowels, there is a perpendicular stroke; and in all the consonants without exception, as well as in all the initial vowels, there is a horizontal line at the top of the letter. In two of the letters, ध *dh* and भ *bh*, this horizontal line is broken; and in writing rapidly, the student should form the perpendicular line first, then the other parts of the letter, and lastly the horizontal line. The natives, however, sometimes form the horizontal line first.

OF THE COMPOUND CONSONANTS.

5. Every consonant is supposed to have the vowel अ *a* inherent in it, so that it is never necessary to write this vowel, excepting at the beginning of a word. Hence when any simple consonants stand alone in any word, the short vowel अ *a* must always be pronounced after them; but when they appear in conjunction with any other vowel, this other vowel of course takes the place of short अ *a*. Thus such a word as कलानतया would be pronounced *kalánatayá*, where long आ *á* being written after *l* and *y* takes the place of the inherent vowel. But supposing that instead of *kalánatayá* the word had to

be pronounced *klántyá*, how are we to know that *kl* and *nty* have to be uttered without the intervention of any vowel? This occasions the necessity for compound consonants. *Kl* and *nty* must then be combined together; thus, क्ल, न्त्य, and the word is written क्लान्त्या. And here we have illustrated the two methods of compounding consonants; viz. 1st, by writing them one above the other; 2dly, by placing them side by side, omitting in all, except the last, the perpendicular line which lies to the right. Observe, however, that some letters change their form entirely when combined with other consonants. Thus र, when it is the *first* letter of a compound consonant, is written above the compound in the form of a semicircle, as in the word कूर्म *kúrma*; and when the *last*, is written below in the form of a small stroke, as in the word क्रमेण *krameṇa*. So again in क्ष* *ksha* and ज† *jña* the simple elements क ष and ज ञ are hardly traceable. In some compounds the simple letters slightly change their form; as, श *śa* becomes ष in अश्चा *ścha*; द *d* with य *y* becomes द्य *dya*; द *d* with ध *dh* becomes द्ध *ddha*; द *d* with भ *bh* becomes द्भ *dbha*; त *t* with र *r* becomes त्र *tra* or त्र *tra*; क *k* with त *t* becomes क्त *cta*. Most of the other compound consonants are readily resolvable into their component parts. The student should direct his first attention to the compound consonants given in the list opposite to page 1. He should afterwards study the list at the end of the book.

Observe—Two aspirated letters never occur in the same compound. When an aspirated letter has to be doubled, the first is expressed by the unaspirated letter of the same species.

OF THE SYMBOLS AND MARKS.

6. The Sanskrit alphabet possesses certain symbols and indicatory marks. Of these the most useful are the nasal symbol *Anuswára* and the symbol for a final aspirate called *Visarga*.

Anuswára, ‘after-sound,’ (called so because it is always the final or closing nasal sound of a syllable, and can never be used like a consonant or any nasal letter to begin a syllable,) is denoted by a dot placed over the horizontal line of a letter. It is a weaker and

* Sometimes formed thus क्ष, and pronounced *ky* in Bengáli. In Greek and Latin it always passes into ξ and x. Compare दक्षिण, dexter, δεξιός.

† This compound is sometimes pronounced *gya* or *nya*, though it will be more convenient to represent it by its proper equivalent *jña*.

thicker nasal than the five consonantal nasals. Although it is properly the nasal of the semivowels, sibilants, and *h*, and is then expressible by the English *n*, yet it is ordinarily used as a short substitute for any of the five nasals, इ *n*, ञ *n̄*, ण *n*, न *n*, and म *m*, when no vowel intervenes between these letters and a following consonant. Thus the five English words *ink*, *inch*, *intrust*, *ant*, *imp*, which illustrate the five nasal sounds, might either be written इङ्, इञ्, इण्टस्, अन्त, इम्. It is most conveniently used as a substitute for the म *m* which is the original final of accusative cases singular, nominative cases neuter, and some indeclinable words *; (thus एनं *enam*, 'him,' for एनम्; दानं *dānam*, 'a gift,' for दानम्; सं *sam*, 'with,' for सम्; इदानीं *idānīm*, 'now;') passing, however, again into म *m* when followed by a vowel; (as, दानम् आप्नोति *dānam āpnoti*, 'he receives a gift;') and passing optionally into इ, ञ, ण, न or म when followed by consonants of the guttural, palatal, cerebral, dental, and labial classes respectively; (as, दानं ददाति or दानन् ददाति 'he gives a gift,' संडीन or सण्डीन 'flight.')

Hence it appears, that as the final of a complete word it may generally be represented by the English *m*.

a. It is never admitted as a substitute for a final न् *n* when originally the *final* of a word, (as in accusative cases plural, in the locative cases of pronominals, in the 3d pers. plur. and present participles of verbs,) unless the next word begin with *t* or *ch*, when by the laws of euphony a sibilant is interposed before the initial *t* or *ch*. See 53 and 54.

b. It must never be forgotten that it is peculiarly the nasal of the aspirate ह *h*, the semivowels य *y*, र *r*, ल *l*, व *v*, and the three sibilants श *ś*, ष *ṣ*, स *s*; and it must always take the place of any other nasal that has to precede these letters in the same word †. Thus the preposition सम् *sam* and the participle स्मृत *smṛita*, when united in one word, are written संस्मृत; सम् *sam* and हार *hāra*, संहार; सम् *sam* and राग *rāga*, संराग; but in each of these cases the Anuswāra takes the sound of the nasal of the class to which the following letter belongs. Thus संस्मृत is sounded as if written सन् स्मृत; संहार as if written सङ् हार; संलाप as if written सन् लाप. In these cases Anuswāra not being the final of a complete word will be most conveniently transliterated by the English *n*.

7. Another nasal symbol called *Chandra-rindu* (lunar mark) or *Anunāsika*, written

* Prof. Bopp objects to this practice; but by Paṇini (VIII. 3, 23) a final म् *m* is convertible to Anuswāra before any consonant. See Bopp's Comparative Grammar, Eastwick's translation, p. 7, note.

† सम्राज्, 'an universal monarch,' is the only word that violates this rule. The word सम्यच्, 'just,' is compounded of समि and अच्.

over a letter thus $\overset{\text{ॐ}}{\text{}}$, is sometimes employed. It is rather the sign of the nasality of the letter over which it is written, than the representative of any actual nasal sound. Thus in the rules of combination, when final न *n* assimilates with ल *l*, the mark ॐ placed over *l*, though not pronounced, indicates the nasal origin of the ल. It is a kind of silent Anuswára.

8. The symbol *Visarga*, 'rejection,' (called so because often rejected,) usually written thus ः , but more properly in the form of two small circles ॐ , is used to represent a weaker aspiration than the letter ह *h*, and that at the end of a word. It expresses an euphonic transition of final स *s* and र *r* into a kind of imperceptible breathing. But this symbol, although never the representative of ह *h*, but rather of a weak and almost imperceptible final aspirate, which, under certain circumstances, takes the place of final *s* and *r*, may nevertheless be conveniently transliterated by the English *h* at the end of a word, and that without danger of being confounded with ह, which can never occur as a final letter. At the same time it should be borne in mind that Visarga is less than *h*, and is in fact no consonant, but only a symbol for *s* and *r* whenever the usual consonantal sound of these letters is deadened at the end of a sentence or through the influence of a *k*, *p* or *s* commencing the next word. Observe, however, that all those inflections of nouns and persons of verbs, which as standing separate from other words are by some made to end in Visarga, may most conveniently be allowed to retain their final स *s*; only bearing in mind that this *s* is liable at the end of a sentence, or when followed by certain consonants, to pass into an imperceptible breathing, as in the French *les* or the English *isle*, *viscount*; in all which cases it might be expressed by Visarga, thus लैः &c. So again, in French infinitives, such as *aller*, the final *r* is silent; and in many English words, such as *bar*, *tar*, the sound of *r* is very indistinct; and these also might be written in Sanskrit with Visarga, अल्लैः, वारैः &c.

a. An *Ardha-visarga*, 'half-visarga,' or modification of the symbol Visarga, in the form of two semicircles ॐ , is sometimes employed before *k*, *kh* and *p*, *ph*. Before the two former letters this symbol is properly called *Jíhva-múliya*, and the organ of its enunciation said to be the root of the tongue. Before *p* and *ph* its proper name is *Upadhmaniya*, and its organ of utterance is then the lips.

The following are other marks :

9. The *Viráma* or 'stop,' placed under a consonant (thus क् *k*),

indicates the absence of the inherent अ *a*, by help of which the consonant is pronounced.

10. The mark ऽ, sometimes called *Ardhákára*, 'half the letter *a*,' placed between two words, denotes the elision of an initial अ *a* after ए *e* or ओ *o* final preceding. It corresponds to our apostrophe. Thus, तेऽपि *te'pi* for ते अपि *te api*.

a. The half pause † is a stop or mark of punctuation, usually placed at the end of the first line of a couplet or stanza.

b. The whole pause †† is placed at the end of a couplet, and corresponds to a full stop.

c. The mark of repetition ° indicates that a word or sentence has to be repeated.

PRONUNCIATION OF SANSKRIT VOWELS AS COMPARED WITH THOSE OF OTHER LANGUAGES.

11. The vowels in Sanskrit are pronounced for the most part as in Italian or French, though occasional words in English may exemplify their sound.

a. Since अ *a* is inherent in every consonant, the student should be careful to acquire the correct pronunciation of this letter. There are many words in English which afford examples of its sound, such as *vocal, cedar, zebra, organ*. But in English the vowel *u* in such words as *fun, bun, sun*, frequently represents this obscure sound of *a*; and even the other vowels may occasionally be pronounced with this sound, as in *her, sir, son*.

b. The long vowel आ *á* is pronounced as *a* in the English *last, bard, cart*; इ *i* as the *i* in *pin, sin*; ई *í* as the *í* in *marine*; उ *u* as the *u* in *push*; ऊ *ú* as the *u* in *rude*.

c. The vowel ऋ *ṛi*, peculiar to Sanskrit, is pronounced as the *ri* in *merrily*, where the *i* of *ṛi* is less perceptible than in the syllable *ri*, composed of the consonant *r* and the vowel *i**. ॠ *ṛí* is pronounced as the *ri* in *chagrin*, being hardly distinguishable from the syllable *री*; ए *e* as the *e* in *prey*; ओ *o* as in *so*; ऐ *ai* as *ai* in *aisle*; औ *au* as *au* in the German *baum* or as *ou* in the English *our*. लृ *lṛi* and ॡ *lṛí* do not differ in sound from the letter ल *l* with the vowels *ṛi* and *ṛí* annexed, but the vowel लृ *lṛi* only occurs in one word, viz.

* There does not, however, seem to be much difference practically between the pronunciation of the vowel *ṛi* and the syllable रि *ri*, though grammarians assert that the *i* of the vowel is less distinctly enunciated.

क्लृप् *klṛip*, 'to make : ' and its long form is not found in any word in the language. As to the Vaidik ॠ *ira*, see 16. *a*.

d. Hence it appears that every simple vowel in Sanskrit has a short and a long form, and that each vowel has one invariable sound ; so that the beginner can never be in doubt what pronunciation to give it, as in English, or whether to pronounce it long or short, as in Latin.

e. Note, however, that Sanskrit possesses no short *ě* and *ö* in opposition to the long diphthongal sounds of *e* and *o*.

f. In comparing Sanskrit words with Greek and Latin, it will be found that the Sanskrit अ *a* usually answers to the Greek *α* ; sometimes to *ε* (especially in vocative cases) ; and rarely to *α*. In Latin, the Sanskrit अ *a* is represented by *u* as well as by *a*, *e*, and *o*. Again, the Sanskrit आ *ā* is generally replaced by the Greek *η* or *ω*, rarely by a long alpha. In Latin it is represented by long *a* or even by long *e*. See Bopp's Comparative Grammar, Eastwick's translation, p. 4 &c.

g. Although for all practical purposes it is sufficient to regard vowels as either short or long, it should be borne in mind that native grammarians give eighteen different modifications of each of the vowels *a*, *i*, *u*, *ṛi*, and twelve of *ḷi*, which are thus explained :—Each of the first four vowels is supposed to have three prosodial lengths, a short (*hrasva*), a long (*dīrgha*), and a prolated (*pluta*) ; the long being equal to two, and the prolated to three short vowels. Each of these three modifications may be uttered with a high tone, or a low tone, or a tone between high and low ; or in other words, may have the acute, or the grave, or the circumflex accent. This gives nine modifications to *a*, *i*, *u*, *ṛi* ; and each of these again may be regarded either as nasal or non-nasal, according as it is pronounced with the nose and mouth, or with the mouth alone. Hence result eighteen varieties of every vowel, excepting *ḷi*, *e*, *ai*, *o*, *au*, which have only twelve, because the first does not possess the long and the last four have not the short prosodial time.

PRONUNCIATION OF SANSKRIT CONSONANTS AS COMPARED WITH THOSE OF OTHER LANGUAGES.

In the first arrangement of the alphabet most of the consonants are distributed under the five heads of gutturals, palatals, cerebrals, dentals, and labials, according to the organ principally employed in pronouncing them, whether the throat, the palate, the top of the palate, the teeth, or the lips. This classification of letters is more fully explained at No. 18.

12. क *ka*, ग *ga*, च *cha*, ज *ja*, त *ta*, द *da*, प *pa*, ब *ba*. These consonants are pronounced as in English, but ग has always the sound of *g* in *gun*, *give*, never of *g* in *gin*. Observe ; च *cha* is a simple consonantal sound, and not an aspirate : it is pronounced as *ch* in

church, and is a modification or softening of *ka*, just as *ja* is of *ga*, the organ of utterance being in the palate, a little in advance of the throat. Hence, in Sanskrit and its cognate languages, the palatals *ch* and *j* are often exchanged with the gutturals *k* and *g*. See note, p. 13.

Observe, that *d* often passes into *θ* in Greek.

13. ख *kha*, घ *gha*, छ *chha*, झ *jha*, च *tha*, ध *dha*, फ *pha*, भ *bha*. These are the aspirated forms of the preceding consonants. In pronouncing them the sound of *h* must be distinctly added to the unaspirated consonantal sound. Thus ख is pronounced like *kh* in *ink-horn*, not like the Greek χ; घ as *th* in *ant-hill*, not as in *think*; फ as *ph* in *uphill*, not as in *physic*. When, however, they are rapidly enunciated they are hardly distinguishable from their respective unaspirated equivalents.

a. The Sanskrit च *th* generally becomes τ in Greek, and ध *dh* becomes θ, while छ *chh* generally passes into σκ. Again, Sanskrit भ *bh* generally passes into φ and *f*, or sometimes in Latin into *b*.

b. With a view to the comparison of Sanskrit words with Greek and Latin, it is important to remember that the aspirates of the different classes are easily interchangeable in different languages; thus *dh* and *bh* in Sanskrit may become *f* (or *ph*) in Latin; *gh* in Sanskrit may become *θ* in Greek &c.

14. ट *ṭa*, ठ *ṭha*, ड *ḍa*, ढ *ḍha*. The sound of these cerebral letters is in practice hardly to be distinguished from the sound of the corresponding dental consonants. Properly, however, the cerebrals should be uttered with a duller and deeper intonation, produced by turning back the tip of the tongue towards the palate, or top of the head (*cerebrum*). Thus a Hindú would distinguish the pronunciation of the *t* and *d* in the English words *trust* and *drip* from that of the same letters in the words *tun* and *din*. He would write the former with the cerebral *t* and *d*, ट्रुस्, ड्रिप्; and the latter with the dental, तुन्, दिन्.

a. In Bengal the cerebral ड *ḍa* and ढ *ḍha* have nearly the sound of a dull *r*. Thus विडालः *viḍalah*, 'a cat,' is pronounced *viralah*. In all corruptions of Sanskrit (especially in Prākṛit) the cerebral letters often take the place of dentals. In Sanskrit the cerebrals are rarely found at the beginning of words.

15. ऊ *na*, ञ *ṇa*, ण *ṇa*, न *na*, म *ma*. Each of the five classes of consonants in Sanskrit has its own nasal sound, represented by a separate nasal letter. In English and most other languages the same fivefold division of nasal sounds might be made, though we have only one nasal letter to express the guttural, palatal, cerebral,

and dental nasal sounds. The truth is, that in all languages the nasal letters take their sound from the organ employed in uttering the consonant that follows them. Thus in English it will be found that guttural, palatal, cerebral, dental, and labial nasals are followed by consonants of the same classes, as in *ink, sing, inch, intrust, ant, imp.* If such words existed in Sanskrit, the distinction of nasal sounds would be represented by distinct letters; thus, इङ्, सिङ्, इञ्, इण्डस्त्, आन्, इम्. Compare 6.

a. The guttural nasal ऊ is rarely found by itself at the end of a word in Sanskrit, never at the beginning. In the nominative cases प्राङ्, प्रत्यङ् &c. it probably has the sound of *ng* in *sing*, where the sound of *g* is almost imperceptible. The palatal ञ is only found in conjunction with palatal consonants, as in च ञ् *ich*, ञ् ञ् *ñj*, च् ञ् *chñ*, and ञ् ञ् *jñ*. This last may be pronounced like *ny*, or like *gn* in the French *campagne*. In Bengal, however, it always has the sound of *gy*: thus राज्ञा is pronounced *rágyá*. The cerebral nasal ण *ṇ* is found at the beginning of words and before vowels, as well as in conjunction with cerebral consonants. It is then pronounced, as the other cerebrals, by turning the tip of the tongue towards the palate. The dental and labial nasals न *na* and म *ma* are pronounced with the same organs as the class of letters to which they belong. [See 21.]

16. य *ya*, र *ra*, ल *la*, व *va*, are pronounced as in English. Their relationship to the vowels *i, ri, lri, u*, respectively, should never be forgotten. See No. 22. a. When व *v* is the last member of a conjunct consonant it is pronounced like *w*, as द्वार *dwára*; but not after *r*, as सर्व *sarva*.

a. The character ऌ *lra* is peculiar to the Vedas. It is a form of the semivowel ल *l*, and represents a liquid sound formed by curving back the tongue against the roof of the mouth.

b. The semivowels are so soft and vowel-like in their nature that they readily flow into each other. Hence *l* and *r* are sometimes exchangeable.

17. श *śa*, ष *śha*, स *sa*, ह *ha*. Of these, श *śa* is a palatal sibilant, and is pronounced as an aspirated *s*. ष *śha* is a cerebral, and is a more strongly aspirated sibilant, but its pronunciation is hardly to be distinguished from that of the palatal. The dental स *sa* is pronounced as the common English *s*. The same three sibilants exist in English, though represented by one character, as in the words *sure, session, sun*. ह *ha* is pronounced as in English, and is guttural.

a. The guttural origin of ह *ha* is proved by its passing into *k* at the end of Sanskrit words, and into *χ, κ, and c*, in Greek and Latin; as, हृदय, *καρδία, cor.*

b. Note that श *śa*, although a palatal, might be called half a guttural. It is certainly guttural in its origin, as all the palatals are. This is well illustrated by

its constant transition into κ and c in Greek and Latin words. Compare अश्व $\delta\acute{\alpha}\kappa\rho\nu$, अश्व equus, अश्व $\kappa\acute{\upsilon}\omega\nu$. It is moreover interchanged with क k in Sanskrit words.

OF THE CLASSIFICATION OF LETTERS.

18. In the first arrangement of the alphabet all the consonants, excepting the semivowels, sibilants, and h , were distributed under the five heads of gutturals, palatals, cerebrals, dentals, and labials. We are now to show that *all the forty-seven* letters, vowels, semivowels, and consonants, may be referred to one or other of these five grand classes, according to the organ principally concerned in their pronunciation, whether the throat, the palate, the top of the palate, the teeth, or the lips.

a. We are, moreover, to point out that all the letters may be regarded according to another principle of division, and may be all arranged under the head of either HARD or SOFT, according as the effort of utterance is attended with expansion (*vivāra*), or contraction (*samvāra*), of the throat.

b. The following tables exhibit this twofold classification, the comprehension of which is of the utmost importance to the study of Sanskrit grammar.

	VOWELS AND DIPHTHONGS.	HARD CONSONANTS.	CORRESPONDING SOFT CONSONANTS.	NASALS.	ASPIRATE AND SEMI-VOWELS.	SIBILANTS.
Gutturals	अ <i>a</i> आ <i>á</i>	क <i>ka</i> ख <i>kha</i>	ग <i>ga</i> घ <i>gha</i>	ङ <i>ṅ-a</i>	ह <i>ha</i>	
Palatals	इ <i>i</i> ई <i>í</i> ए <i>e</i> ऐ <i>ai</i>	च <i>cha</i> छ <i>chha</i>	ज <i>ja</i> ञ <i>jha</i>	ञ <i>ña</i>	य <i>ya</i>	श <i>śa</i>
Cerebrals	ऋ <i>ṛi</i> ॠ <i>ṛí</i>	ट <i>ṭa</i> ठ <i>ṭha</i>	ड <i>ḍa</i> ढ <i>ḍha</i>	ण <i>ṇa</i>	र <i>ra</i>	ष <i>ṣha</i>
Dentals	लृ <i>ṛi</i> लृ <i>ṛí</i>	त <i>ta</i> थ <i>tha</i>	द <i>da</i> ध <i>dha</i>	न <i>na</i>	ल <i>la</i>	स <i>sa</i>
Labials	उ <i>u</i> ऊ <i>ú</i> औ <i>au</i> औ <i>áu</i>	प <i>pa</i> फ <i>pha</i>	ब <i>ba</i> भ <i>bha</i>	म <i>ma</i>	व <i>va</i>	

The first two consonants in each of the above five classes and the sibilants are hard; all the other letters are soft, as in the following table:

HARD OR SURD LETTERS.			SOFT OR SONANT LETTERS.				
Gutturals,	क <i>ka</i> *	ख <i>kha</i> *	अ <i>a</i> आ <i>á</i>	ग <i>ga</i> *	घ <i>gha</i> *	ङ <i>ṅ-a</i> ह <i>ha</i>	
Palatals,	च <i>cha</i> *	छ <i>chha</i> *	श <i>śa</i>	इ <i>i</i> ई <i>í</i> ए <i>e</i> ऐ <i>ai</i>	ज <i>ja</i> *	ञ <i>jha</i> *	ञ <i>ña</i> य <i>ya</i>
Cerebrals,	ट <i>ṭa</i> *	ठ <i>ṭha</i> *	ष <i>ṣha</i>	ऋ <i>ṛi</i> ॠ <i>ṛí</i>	ड <i>ḍa</i> *	ढ <i>ḍha</i> *	ण <i>ṇa</i> र <i>ra</i>
Dentals,	त <i>ta</i> *	थ <i>tha</i> *	स <i>sa</i>	लृ <i>ṛi</i> लृ <i>ṛí</i>	द <i>da</i> *	ध <i>dha</i> *	न <i>na</i> ल <i>la</i>
Labials,	प <i>pa</i> *	फ <i>pha</i> *		उ <i>u</i> ऊ <i>ú</i> औ <i>au</i> औ <i>áu</i>	ब <i>ba</i> *	भ <i>bha</i> *	म <i>ma</i> व <i>va</i>

c. Observe, that although **ए** *e*, **ऐ** *ai*, are more conveniently connected with the palatal class, and **ओ** *o*, **औ** *au*, with the labial, these letters are really diphthongal, being made up of *a + i*, *á + i*, *a + u*, *á + u*, respectively. Their first element is therefore guttural.

d. Note also, that it is most important to observe which hard letters have kindred soft letters, and *vice versa*. The kindred hard and soft are those in the same line marked with a star in the above table; thus *g*, *gh*, are the corresponding soft letters to *k*, *kh*; *j*, *jh*, to *ch*, *chh*, and so with the others.

In order that the foregoing classification may be clearly understood, it is necessary to remind the student of the proper meaning of the term vowel and consonant, and of the relationship which the nasals, semivowels, and sibilants, bear to the other letters.

19. A vowel is defined to be a vocal emission of breath from the lungs, modified and modulated, but not interrupted by the play of one or other of five organs, viz. the throat, the palate, the tongue, the teeth, or the lips*.

a. Hence **अ** *a*, **इ** *i*, **उ** *u*, **ऋ** *ri*, **ॠ** *lri*, with their respective long forms, are simple vowels, belonging to the guttural, palatal, labial, cerebral, and dental classes respectively, according to the organ principally concerned in their modulation. But **ए** *e*, **ऐ** *ai*, **ओ** *o*, **औ** *au*, are diphthongal or compound vowels, as explained above at 18. c.† So that *e* and *ai* are half guttural, half palatal; *o* and *au* half guttural, half labial.

b. The vowels are of course considered to be soft letters.

20. A consonant is not the modulation, but the actual stoppage, of the vocal stream of breath by one or other of the five organs, and cannot be enunciated excepting in conjunction with a vowel.

a. All the consonants, therefore, are arranged under the five heads of gutturals, palatals, cerebrals, dentals, and labials, according to the organ concerned in *stopping* the vocal sound.

b. Again, the first two consonants in each of the five classes, and the sibilants, are called *hard* or *surd*, because the vocal stream is

* See Proposals for a Missionary Alphabet, by Prof. Max Müller.

† If the two vowels *a* and *i* are pronounced rapidly they naturally form the sound *e* pronounced as in *prey*, or as *a* and *i* in *sail*; and so with the other diphthongs. The sound of *ai* in *aisle* may readily be resolved into *á* and *i*, and the sound of *ou* in *out* into *á* and *u*.

abruptly and completely interrupted, and no murmuring sound (*aghosha*) allowed to escape: while all the other letters are called *soft* or *sonant*, because the vocal sound is less suddenly and completely arrested, the effect of stopping it being attended with a low murmur (*ghosha*).

c. Observe, that the palatal stop is only a modification of the guttural, the point of contact being moved a little more forward from the throat towards the palate*. The cerebral (*múrdhanya*) stop is a modification of the dental, the difference being, that whereas in the dental consonantal sound the tip of the tongue is brought into direct contact with the teeth; in the cerebral it is first curled back, so as to strike the dome of the palate, thus producing a more obtuse sound.

d. The name *cerebral* is retained in deference to established usage. Perhaps a more significant translation of *múrdhanya* would be *supernal*. The head or brain is certainly not the organ of enunciation of any letter. *Múrdhan* here denotes the *upper part* of the palate. But the inaccuracy involved in the word *cerebral* hardly justifies the substitution of *supernal*.

21. A nasal or nasisonant letter is a soft letter, in the utterance of which the vocal stream of breath incompletely arrested, as in all soft letters, is forced through the nose instead of the lips. As the soft letters are of five kinds, according to the organ which interrupts the vocal breathing, so the nasal letters are five, guttural, palatal, cerebral, dental, and labial. See 15.

22. The semivowels *y, r, l, v* (called *antahstha* because in the first arrangement of the alphabet they *stand between* the other consonants and the sibilants) are formed by a vocal breathing, which is only half interrupted, the several organs being only slightly touched by the tongue. They are, therefore, soft or sonant consonants, approaching nearly to the character of vowels; in fact, half vowels, half consonants.

a. Each class of soft letters (excepting the guttural) has its own corresponding semivowel to which it is related. Thus the palatal soft letters इ *i*, ई *í*, ए *e*, ऐ *ai*, ज *j*, have य *y* for their kindred semivowel. (Compare Sanskrit *yuvan* with Latin *juvenis* &c.) Similarly

* The relationship of the palatal to the guttural letters is proved by their frequent interchangeableness in Sanskrit and in other languages. See 176, and compare *church* with *kirk*, Sanskrit *chatwár* with Latin *quatuor*, Sanskrit *cha* with Latin *que* and Greek *καί*, Sanskrit *jánu* with English *knee*, Greek *γόνυ*, Latin *genu*. Prof. Müller proposes to represent the palatals च and ज by *k* and *g* in Italics.

र *r* is the kindred semivowel of the cerebral soft letters ऋ *ṛi*, ॠ *ṛí*, and ऌ *ḷ*; ल *l* of the dentals लृ *lṛi*, लृ *lṛí*, and द *d**; and व *v* of उ *u*, ऊ *ú*, ओ *o*, औ *au*, and ब *b*. The guttural soft letters have no semivowel in Sanskrit, unless the aspirate ह *h* be so regarded.

23. The sibilants or hissing sounds (called *winds* by the native grammarians) are hard letters, which, nevertheless, strictly speaking, have something the character of vowels. The organs of speech in uttering them, although not closed, are more contracted than in vowels, and the vocal stream of breath in passing through the teeth experiences a friction which causes sibilation.

a. Sanskrit does not recognise any guttural sibilation, though the palatal sibilant is really half a guttural. See 17. *a.* The aspirate ह *h* might perhaps be regarded as a guttural *flatus* or wind without sibilating sound. The labial sibilation denoted by the letter *f*, and the soft sibilation denoted by *z*, are unknown in Sanskrit.

ACCENTUATION.

24. Accentuation in Sanskrit is confined to the Vedas. In common pronunciation the tone or intonation of vowels in all Sanskrit words is equal. This general monotonous intonation is called by Pāṇini *eka-śruti*, the one level, as it were, of pronunciation. But in the Vaidik hymns a rise and fall of the voice seems to have been recognised †. Hence arose the three tones or accents. First, the low tone, common to all vowels in ordinary speech. This tone is marked by the grave accent, and a syllable thus uttered is said to be *anudatta* (unacute, grave). Next, the high tone, produced by the sudden raising of the voice. This tone is marked by the acute accent, and is described by grammarians as the result of employing in the enunciation of the vowel what they call the upper half of the organ of utterance, whether the throat, palate, teeth, or lips. A syllable thus uttered is said to be *udatta* (acutely accented). Lastly, the mixed tone, a tone half high, half low, which is thus produced. In pronouncing the syllable immediately following the high-toned syllable, the voice, unable to lower itself abruptly to the level of the low intonation, passes into a tone partly high, partly low. A syllable uttered with this mixed intonation is said to be *swarita*, or marked with a combination of the acute and grave accent, commonly called the circumflex accent.

Practically, therefore, there are only three tones or accents recognised in Sanskrit, the *anudatta*, the *udatta*, and the *swarita*.

* That ल *l* is a dental, and kindred to द *d*, is proved by its interchangeableness with *d* in cognate languages. Thus *lacryma*, δάκρυμα. Compare also दीप् with λαμπ.

† According to Professor Bopp, accentuation in the Vedas has nothing to do with chanting, but is etymological, like the Greek accent.

25. Nevertheless, there is yet another tone noticed by Pāṇini, and called by him *sannatara* or *anudáttatara*, i. e. more grave than the common grave intonation. It is thus explained: the exertion of the voice required to produce the acute or high tone (*udátta*) is so great that in order to attain the proper pitch the voice is obliged to lower the tone of the preceding syllable as much below the ordinary low intonation as the syllable that bears the *udátta* is raised above it. Consequently the syllable preceding another that bears the acute accent, and which is originally pronounced with the grave tone (*anudátta*), becomes more than grave (*anudáttatara*)*.

* The three accents are thus marked in the R̥ig-veda.

A small horizontal stroke under a syllable marks the *anudátta* or low tone; and in the Pada, if it extend under all the syllables of the same word, it indicates that the whole word is *anudátta* unaccented or pronounced in the low tone (thus स॒मः). But in the Sanhitá, where the distinction of *anudáttatara* is admitted, the stroke under a syllable is always the mark of the *anudáttatara*, never of the *anudátta*, the mere absence of accent not being marked at all.

When a syllable having the horizontal mark underneath is followed by one bearing no mark, the latter is considered to be *udátta*, acutely accented; and when followed by two syllables, bearing no mark, both are considered to be *udátta*.

The *swarita* or circumflex accent is denoted by a small perpendicular stroke above the syllable. Thus in the word च॒कारे the syllable च is *anudáttatara*, का is *udátta*, and र is *swarita*.

All the syllables (in a single word or sentence) which follow a syllable bearing the *swarita* are supposed to be *anudátta* unaccented or pronounced in the same tone, until the horizontal stroke, or *anudáttatara* mark under a syllable, appears again. In fact, the *anudáttatara* mark is the beginning of a series of three accents, of which the *swarita* is the end; and the appearance of this mark prepares the reader for the occurrence of an *udátta* immediately following, and of a *swarita*. The latter, however, may sometimes be retarded by a new *udátta* syllable, which shows that the accents have nothing to do with chanting. Nevertheless a *swarita* mark does not necessarily imply an *anudáttatara* mark preceding, as in the word अ॒क्रन्दः at the beginning of a line, where the *swarita* merely shows that the first syllable is *udátta*. Again, in the Pada, where each word stands separately, there may be no *swarita* following an *udátta*, as प॒क्षा । जा॒तं. It must also be borne in mind that frequently where a *swarita* is immediately followed by an *udátta* syllable, the *swarita* becomes changed to *anudáttatara*: thus in दि॒वा प॒तये॑तं the *swarita* of प becomes so changed, because of the *udátta* following.

With regard to the *swarita* mark, it may either indicate a dependent *swarita*, produced by an *udátta* immediately preceding, or an independent, i. e. either a *swarita* as such, or a *swarita* produced by the suppression of a syllable bearing the *udátta*, as in त॒न्वा॑ contracted from त॒नु॒ञ्जा, where the middle syllable is properly *udátta*. In the latter case, if the syllable bearing the *swarita* is long, and another

OF THE INDIAN METHOD OF WRITING.

26. According to Hindú grammarians every syllable ought to end in a vowel *, and every final consonant ought to be attracted to the beginning of the next syllable ; so that where a word ends in a consonant, that consonant ought to be pronounced with the initial letter of the next word. Hence in some Sanskrit MSS. all the syllables are separated by slight spaces, and in others all the words are joined together without any separation. Thus the two words आसीद् राजा *ásid rájá* would in some books be written आ सी द्वा जा and in others आसीद्वाजा. In Sanskrit works printed in Europe, the common practice is to separate only those words the final or initial letter of which are not acted on by the rules of combination. In such books *ásid rájá* would be written together, आसीद्वाजा, because the final द् is the result of an euphonic change from त्, caused by the following र *r*. There seems, however, but little reason for considering the mere spaces left between the words of a sentence to be incompatible with the operation of euphonic laws ; especially as the absence of such spaces must always cause more or less impediment even to the fluent reader. Therefore in many books recently printed in Europe, every uncompound word capable of separation by the use of the Viráma is separated. Thus *pitur dhanam ádadáti* is written पितुर् धनम् आददाति, and not पितुर्धनमाददाति. The only cases in which separation is undesirable, are where the final vowel of one word blends with the initial vowel of the next into one long similar or dissimilar vowel, and where final *u* and *i* are changed into their corresponding semivowels *v* and *y*.

The following words and passages in the Sanskrit and English character, are given that the Student, before proceeding further in the Grammar, may exercise himself in reading the letters and in

word follows beginning with an *udáta*, then that syllable and all preceding syllables in the same word receive the *anudáttatara* mark, and the figure ३ is inserted to carry the *swarita*, having also the *anudáttatara* mark beneath ; thus तन्वा ३ मम्. If the syllable bearing the independent *swarita* be short, then the figure १ carries the *swarita*, with an *anudáttatara* under it ; thus क्क १ तत्.

* Unless it end in Anuswára or Visarga *h*, which in theory are the only consonantal sounds allowed to close a syllable. That Anuswára is not a full consonant is proved by the fact that it does not impede the operation of rule 70.

transliteration; that is to say, in turning Sanskrit letters into the English equivalents, and *vice versa*.

To be turned into English letters.

अक, अज, अश, आस, आप, डल, इष, ईड, ईर,
उख, उच, ऊह, ञृण, ञृज, एध, ओख, कण, कित,
कुमार, क्षम, क्षिप, क्षुध, क्षै, कूप, खन, खिद, गाह,
गुज, गृध, गृ, घृण, घुष, चकास, चक्ष, चित, छिद,
छो, जीवा, भूष, टीका, ठः, डीनं, ढौक, णिद, तापः,
तडागः, दया, दम्कः, दशरथः, दुरालापः, देव, धूपिका,
धृतः, नटः, नील, नेम, परिदानं, पुरुषस्, पौरः, पौरु-
षेयी, पुरोडाशः, बहुः, बालकस्, भोगः, भोजनं, मुखं,
मृगः, मेदस्, मेदिनी, यकृत्, योगः, रेणु, रेचक, रै,
रैवत, रुजा, रूपं, रुरुदिषु, लोह, वामः, वैरं, शक्,
शौरः, षट्, साधुः, हेमकूटः, हेमन्.

To be turned into Sanskrit letters.

Ada, asa, ali, ádi, ákhu, ágas, iti, ísah, ihá, udára, upanishad,
uparodha, úru, úsha, řishi, eka, kakud, kařu, koshah, gaura, ghařa,
chaitya, chet, chhalam, jetři, jhiri, řagara, řamara, řhála, řama,
tatas, tathá, řřina, tushára, deha, daitya, dhavala, nam, nayanam,
nidánam, pitři, bhauua, bhesajam, marus, mahat, yuga, rush, rúřhis,
lauha, vivekas, řatam, shodařan, sukhin, řřidaya, tatra, adya, buddhi,
arka, kratu, anso, an-ka, an-ga, ańchala, ańjana, kańřha. ańđa, anta,
manda, sampúrřa.

The following story has the Sanskrit and English letters
interlineated.

अस्ति हस्तिनापुरे विलासो नाम राजकः । तस्य गर्द-
asti hastinápure viláso náma rajakah tasya garda-
भोऽतिभारवाहनाद् दुर्बलो मुमूर्षुर् अभवत् । ततस् तेन
bho 'tibháraváhanád durbalo mumúrshur abhavat tatas tena

रजकेनासौ व्याघ्रचर्मणा प्रछाद्यारण्यसमीपे शस्यक्षेत्रे
rajakenásau vyághracharmaná prachádyáran̄yasamípe śasyakshetre
 मोचितः । ततो दूराद् अवलोक्य व्याघ्रबुद्ध्या क्षेत्रप-
mochitah tato dūrād avalokya vyághrabuddhyá kshetrapa-
 तयः सत्वरं पलायन्ते । अथ केनापि शस्यरक्षकेण धूसर-
tayah satwaram paláyante atha kenápi śasyarakshakeṇa dhúsara-
 कबलकृततनुत्राणेन धनुःकारणं सज्जीकृत्यावनतकायेन
kambalakṛitatanutrāṇena dhannukāṇḍam sajjīkṛityávanatakāyena
 एकान्ते स्थितं । ततस् तं च दूरे दृष्ट्वा गर्दभः पुष्टाङ्गो
ekānte sthitam tatas tam cha dūre dṛishṭwá gardabhah puṣṭāṅgo
 गर्दभीयमिति मत्वा शब्दं कुर्वाणस् तदभिमुखं धावितः ।
gardabhíyamiti matwá śabdham kurvāṇas tadabhimukham dhávitah
 ततस् तेन शस्यरक्षकेण गर्दभोऽयमिति ज्ञात्वा लीलयैव
tatas tena śasyarakshakeṇa gardabho 'yamiti jñátwá lílayaiva
 व्यापादितः ॥
vyápáditah.

The following story is to be turned into Sanskrit letters.

*Asti śríparvatamadhya brahmapurákhyaṁ nagaram. Tatra śaila-
 śikhare ghaṅṭákarṇo náma rákshasah prativasatíti janaprávadah śrú-
 yate. Ekadá ghaṅṭám údáya paláyamánah kaśchich chauro vyághreṇa
 vyápáditah. Tatpáñipatitá ghaṅṭá vānaraih práptá. Te vānarás tám
 ghaṅṭám anukshaṇam vadayanti. Tato nagarajanair manushyah khá-
 dīto dṛishṭah pratikshaṇam ghaṅṭárávaścha śrúyate. Anantaram
 ghaṅṭákarṇah kupito manushyán khádati ghaṅṭám cha vadayati ityu-
 ktwá janáh sarve nagarát paláyitáh. Tatah karálayá náma kuṭṭinyá
 vimrīśya markatá ghaṅṭám vadayanti swayam vijñáya rájá vijñápitah.
 Deva yadi kiyaddhanopakshayah kṛiyate tadáham enam ghaṅṭákarṇam
 sádhayámi. Tato rájñá tushtena tasyai dhanam dattam. Kuṭṭinyá
 cha maṅḍalam kṛitwá tatra gaṇeśádigauravam darśayitwá swayam
 vānarapriyaphalányádáya vanam praviśya phalányákṛṇáni. Tato
 ghaṅṭám parityajya rānaráh phalásaktá babhūvuh. Kuṭṭini cha
 ghaṅṭám grīhítwá nagaram ágatá sakalalokapújyá 'bhavat.*

Observe, that *m* at the end of a word may most conveniently be transliterated

by the symbol Anuswára, and *vice versa*; thus, *brahmapurákyam nagaram* ब्रह्मपुराख्यं नगरं. Strictly, however, the first of these Anuswáras, being influenced by the following *n*, is equivalent in sound to *n*, and the two words might have been written *brahmapurákhyan nagaram* ब्रह्मपुराख्यन् नगरं. Similarly, *pratikshaṇam* before *ghaṅṅáravas* is written प्रतिक्षणं, though equivalent in sound to प्रतिक्षणञ्, in consequence of the following ष.

CHAPTER II.

SANDHI OR EUPHONIC COMBINATION OF LETTERS.

WE are accustomed in Greek and Latin to certain euphonic changes of letters. Thus *rego* makes, in the perfect, not *regsi*, but *reksi* (*rexì*), the soft *g* being changed to the hard *k* before the hard *s*. Similarly, *veho* becomes *veksi* (*vexi*). In many words a final consonant assimilates with an initial; thus *συν* with *γνώμη* becomes *συγγνώμη*; *έν* with *λάμπω*, *ἐλλάμπω*. *Suppressus* is written for *subpressus*; *appellatus* for *adpellatus*; *immensus* for *inmensus*; *afinitas* for *adfinitas*; *colloquium* for *conloquium*; *irrogo* for *inrogo*. These laws for the euphonic junction of letters are applied throughout the whole range of Sanskrit grammar; and that, too, not only in uniting different parts of one word, but in combining words in the same sentence. Thus, if the sentence "*Rara avis in terris*" were Sanskrit, it would require, by the laws of Sandhi or combination, to be written *Rarávir ins terrih*; and might even be joined together thus, *Rarávirinsterrih*. The learner must not be discouraged if he is unable to understand *all* the laws of combination at first. He is recommended, after reading those that are printed in large type, to pass at once to the declension of nouns and conjugation of verbs. To attempt to commit to memory a number of rules, the use of which is not fully seen till he comes to read and construct *sentences*, must only lead to a loss of time and patience.

SECT. I.—CHANGES OF VOWELS.

27. Nevertheless, there are some changes of letters which come into immediate application in the formation and declension of nouns, and the conjugation of verbs; and amongst these, the changes of vowels called Guṇa and Vriddhi should be impressed on the memory.

before another step is taken in the study of the Grammar. When the vowels इ *i* and ई *ī* are changed to ए *e*, this is called the Guṇa change, or *qualification*; when *i* and *ī* are changed to ऐ *ai*, this is called the Vṛiddhi change, or *increase**. Similarly, उ *u* and ऊ *ū* are often changed to their Guṇa ओ *o*, and Vṛiddhi औ *au*; चृ *ṛi* and च्रृ *ṛī* to their Guṇa अर् *ar*, and Vṛiddhi आर् *ār*; and अ *a*, though it have no corresponding Guṇa change, has a Vṛiddhi substitute in आ *á*.

28. Let the student, therefore, never forget the following rules. There is no Guṇa substitute for अ *a*, but आ *á* is the Vṛiddhi substitute for अ *a*; ए *e* is the Guṇa, and ऐ *ai* the Vṛiddhi, for इ *i* and ई *ī*; ओ *o* is the Guṇa, and औ *au* the Vṛiddhi, for उ *u* and ऊ *ū*; अर् *ar* is the Guṇa, and आर् *ār* the Vṛiddhi, for चृ *ṛi* and च्रृ *ṛī*; अल् *al* is the Guṇa, and आल् *ál* the Vṛiddhi, for लृ *ḷi* and ल्रृ *ḷī*. Moreover, ऐ *ai* is the Vṛiddhi of the Guṇa ए *e*, and औ *au* the Vṛiddhi of the Guṇa ओ *o*.

a. Observe—It will be convenient in describing the change of a vowel to its Guṇa substitute, to speak of that vowel as *gunated*; and in the case of the Vṛiddhi change, to speak of it as *vridhdied*.

b. In the conjugation of verbs the vowels of roots cannot be gunated or vridhdied, if they are followed by double consonants, i. e. if they are long by position; nor can a vowel long by nature be so changed, unless it be final. The vowel अ *a* is of course incapable of Guṇa.

29. Again, let him bear in mind that the Guṇa sounds ए *e*, ओ *o*, and अर् *ar*, are diphthongal, that is, composed of two simple vowel sounds. Thus, ए *e* is made up of अ *a* and इ *i*; ओ *o* of अ *a* and उ *u*; अर् *ar* of अ *a* and चृ *ṛi*; so that a final अ *a* will naturally coalesce with an initial इ *i* into ए *e*; with an initial उ *u* into ओ *o*; with an initial चृ *ṛi* into अर् *ar*. Compare 18. c.

a. Similarly, the Vṛiddhi diphthong ऐ *ai* is made up of *á* and *i*; and औ *au* of *á* and *u*. Hence, *a* with *e* will blend into *ai* (for $e = a + i$ and $a + a + i$ will equal $\acute{a} + i$ or *ai*). Similarly, *a* will blend with ओ *o* into औ *au*. Compare 18. c.

b. Since the sound *ai* is composed of *á* and *i*, it may be asked, How is it that long *á* as well as short *a* blends with *i* into *e* (see 32), and not into *ai*? In answer to this, Professor Bopp (Comparative Grammar, p. 2) maintains that a long vowel

* गुण *guṇa* in Sanskrit means 'quality,' and वृद्धि *vṛiddhi*, 'increase.' It will be convenient to Anglicise these words, and write Guṇa, Vṛiddhi.

at the end of a word naturally shortens itself before an initial vowel. His opinion is, that the very meaning of Guṇa is the prefixing of short *a*, and the very meaning of Vṛiddhi, the prefixing of long *á*, to a simple vowel. He therefore holds that the Guṇa of *i* is originally *a i*, though the two simple vowels blend afterwards into *e*. Similarly, the original Guṇa of *u* is *a u*, blending afterwards into *o*; the original Guṇa of *ṛi* is *a ṛi*, blending into *ar*.

c. Hence it appears, that, since the Sanskrit *a* answers to the Greek ϵ or o (see 11. f.), the practice of gunating vowels is not peculiar to Sanskrit alone. The Sanskrit एमि *emi*, 'I go,' which in the plural becomes इमस् *imas*, is originally *a imi*, corresponding to the Greek $\epsilon\acute{\iota}\mu$ and $\acute{\iota}\mu\epsilon\nu$. Similarly in Greek, the root $\phi\nu\gamma$ ($\acute{\epsilon}\phi\nu\gamma\omega\nu$) is in the present $\phi\epsilon\nu\gamma\omega$. Compare also the Sanskrit *veda* (*vaida*), 'he knows,' with Greek $\alpha\acute{\iota}\delta\alpha$; and compare $\lambda\acute{\epsilon}\lambdaο\iota\pi\alpha$, perfect of $\lambda\iota\pi$, with the Sanskrit 2d preterite.

30. Again, let him never forget that य *y* is the kindred semivowel of इ *i*, ई *í*, ए *e*, and ऐ *ai*; व *v* of उ *u*, ऊ *ú*, ओ *o*, and औ *au*; र *r* of ऋ *ṛi* and ॠ *ṛí*; and ल *l* of लृ *lṛi* and लृ *lṛí*. So that *i*, *í*, *e*, *ai*, at the end of words, when the next begins with a vowel, may often pass into *y*, *y*, *ay*, *áy*, respectively; *u*, *ú*, *o*, *au*, into *v*, *v*, *av*, *áv*; and *ṛi*, *ṛí*, into *r*. [NB. *lṛi* is not found as a final.]

In order to impress the above rules on the mind, the substance of them is embodied in the following table :

Simple vowels,	a or \acute{a}	i or \acute{i}	u or \acute{u}	$\dot{r}i$ or $\dot{r}\acute{i}$	$l\dot{r}i$ or $l\dot{r}\acute{i}$
Guṇa substitute,		e	o	ar	al
Vṛiddhi substitute,	\acute{a}	$\acute{a}i$	au	$\acute{a}r$	$\acute{a}l$
Simple vowels,		i or \acute{i}	u or \acute{u}	$\dot{r}i$ or $\dot{r}\acute{i}$	$l\dot{r}i$ or $l\dot{r}\acute{i}$
Semivowel substitute,		y	v	r	l
Guṇa,		e	o		
Guṇa resolved,		$a + i$	$a + u$		
With semivowel substitute,		ay	av		
Vṛiddhi,		$\acute{a}i$	au		
Vṛiddhi resolved,		$\acute{a} + i$	$\acute{a} + u$		
With semivowel substitute,		$\acute{a}y$	$\acute{a}r$		

The succeeding rules will now explain themselves.

31. If a word ends in अ *a* or आ *á*, when the similar vowels अ *a* or आ *á* follow, then the final and initial vowel blend into one long similar vowel: thus

न + अस्ति *na + asti* becomes नास्ति *násti*, 'there is not.'

जीवा + अन्त *jívá + anta* = जीवान्त *jívánta*, 'the end of life.'

a. The same rule applies to the other vowels, इ *i*, उ *u*, ऋ *ṛi*, short or long: thus

अधि + ईश्वर *adhi + íswara* becomes अधीश्वर *adhíswara*, 'the supreme lord.'

चतु + उत्सव *ṛitu + utsava* = चतुत्सव *ṛitútsava*, 'the festival of the season.'

पितृ + चृद्धि *pitṛi + ṛiddhih* = पितृद्धि *pitṛíddhi*, 'the father's prosperity.'

32. If a word ends in अ *a* or आ *á*, when the dissimilar vowels इ *i*, उ *u*, ऋ *ṛi*, short or long, follow, then *a* or *á* blends with *i* or *i* into *e*; with *u* or *ú* into ओ *o**; with *ṛi* or *ṛí* into अर् *ar*: thus

परम + ईश्वर *parama + íswara* becomes परमेश्वर *paraméswara*, 'the mighty lord.'

हित + उपदेश *hita + upadeśa* = हितोपदेश *hitopadeśa*, 'friendly instruction.'

गङ्गा + उदक *gan-gá + udaka* = गङ्गोदक *gan-godaka*, 'Ganges water.'

तव + चृद्धि *tava + ṛiddhi* = तवर्द्धि *tavarddhi*, 'thy growth.'

Similarly, तव + लृकार *tava + ḷṛikára* becomes तवल्कार *tavalkára*, 'thy letter ḷṛi.'

33. If a word ends in अ *a* or आ *á*, when the dissimilar vowels ए *e*, ओ *o*, ऐ *ai*, or औ *au*, follow, then *a* or *á* blends with *e* into *ai*; with *ai* also into *ai*; with *o* into *au*; with *au* also into *au*: thus

पर + एधित *para + edhita* becomes परैधित *paraidhita*, 'nourished by another.'

विद्या + एव *vidyá + eva* = विद्यैव *vidyaiva*, 'knowledge indeed.'

देव + ऐश्वर्य्य *deva + aiśwarya* = देवैश्वर्य्य *devaiśwarya*, 'divine majesty.'

अल्प + ओजस् *alpa + ojas* = अल्पौजस् *alpaujas*, 'little energy.'

गङ्गा + ओष *gan-gá + ogha* = गङ्गोष *gan-gaugha*, 'the torrent of the Ganges.'

* The blending of *a* and *i* into the sound *e* is recognised in English in such words as *sail*, *nail*, &c.; and the blending of *a* and *u* into the sound *o* is exemplified by the French *faute*, *baume*, &c.

ज्वर + औषध *jwara + aushadha* = ज्वरौषध *jwaraushadha*, 'fever-medicine.'

34. If a word ends in इ *i*, उ *u*, ऋ *ri*, short or long, when any dissimilar vowel follows, the former letters pass into their kindred semivowels; viz. *i* or *í* into *y**; *u* or *ú* into *v**; *ri* or *rí* into *r*: thus

अग्नि + अस्त्र *agni + astra* becomes अग्न्यस्त्र *agnyasthra**, 'firearms.'

प्रति + उवाच *prati + uvácha* = प्रत्युवाच *pratyuvácha*, 'he spoke in reply.'

तु + इदानीं *tu + idáním* = त्विदानीं *twidáním**, 'but now.'

मातृ + आनन्द *mátṛi + ánanda* = मातृानन्द *mátránanda*, 'the mother's joy.'

35. If a word ends in ए *e* or ओ *o*, when the next begins with अ *a*, then *e* and *o* remain unchanged, and the initial अ *a* is cut off: thus

ते + अपि *te + api* becomes तेऽपि *te 'pi*, 'they indeed!' [See 10.]

गृहे + अस्ति *gṛihe + asti* = गृहेऽस्ति *gṛihe 'sti*, 'he is in the house.'

सो + अपि *so + api* = सोऽपि *so 'pi*, 'he indeed!'

हतो + अस्मि *hato + asmi* = हतोऽस्मि *hato 'smi*, 'I am undone!'

36. If a word ends in ए *e* or ओ *o*, when the next begins with any other vowel except अ *a*, then *e* is changed to *ay*, and *o* to *av*; and if both the words are complete words, the *y* of *ay*, and more rarely the *v* of *av*, may be dropped, leaving the *a* uninfluenced by the following vowel: thus

ते + आगताः *te + ágatáh* becomes तयागताः *tayágatáh*, and then त आगताः *ta ágatáh*, 'they have come.'

Similarly, विष्णो + इह *viṣṇo + iha* becomes विष्णविह *viṣṇaviha*, and then विष्ण इह *viṣṇa iha*, 'O Viṣṇu, here!'

a. But if ए *e* and ओ *o* be the finals of roots or nominal bases, and these have to be joined with the initial vowels of terminations, affixes, &c., even though the initial vowel be अ *a* or ए *e* or ओ *o*, then final *e* must still be changed to *ay*, and final *o* to *av*, and both *y* and *v* must be retained: thus

जे + अति *je + ati* becomes जयति *jayati*, 'he conquers †.'

* So in English we pronounce a word like *million* as if written *millyon*; and we write *evangelist* for *euangelist*.

† In English we respect this law in writing, though not in pronouncing such words as *saying*, *playing*, &c.

अग्ने + ए *agne + e* = अग्नये *agnaye*, 'to fire.'

भो + अति *bho + ati* = भवति *bhavati* 'he is.'

गो + ईश्वर *go + íswara* = गवीश्वर *gavíswara*, 'owner of kine.'

गो + ओकम् *go + okas* = गवोकम् *gavokas*, 'the abode of cattle.'

37. If a word ends in ऐ *ai* or औ *au*, when any vowel, similar or dissimilar, follows, *ai* is changed to *áy*, and *au* to *áv*: thus

कस्मै + अपि *kasmai + api* becomes कस्मायपि *kasmáyapi*, 'to any one whatever.'

रै + अः *rai + ah* = रायः *ráyah*, 'riches.'

ददौ + अन्नं *dadau + annam* = ददावन्नं *dadávannam*, 'he gave food.'

नौ + औ *nau + au* = नावौ *návau*, 'two ships.'

a. If both the words be complete words, the *y* and *v* are occasionally dropped, but not so usually as in the case of *e* at 36: thus कस्मा अपि *kasmá api* for कस्मायपि *kasmáyapi*, and ददा अन्नं *dadá annam* for ददावन्नं *dadávannam*.

38. There are some exceptions (*pragñihya*) to the above rules. The most noticeable is that of nominative and accusative cases dual, ending in *í*, *ú*, or *e*. These are never acted on by following vowels: thus,

हरी एतौ *harí etau*, 'these two Haris.'

विष्णू इमौ *vishnú imau*, 'these two Vishṇus.'

सुते एते *sute ete*, 'these two daughters.'

The same applies to अमी *amí*, nom. pl. m. of the pronoun अद्म्.

a. A vocative case in *o*, when followed by the particle *iti*, may remain unchanged, as विष्णो इति *vishṇo iti*, or may follow 36.

b. Particles, when simple vowels, and आ *á* and औ *o*, as the finals of interjections, remain unchanged, as आ एवँ *á eram*, 'Ah, indeed!' अहो इन्द्र *aho indra*, 'Ho, Indra.'

c. The औ *o* of गो *go*, 'a cow,' may become अव *ava* in certain cases, as गो + इन्द्र *go + indra* becomes गवेन्द्र *gavendra*, 'lord of kine.'

The following table exhibits all the combinations of vowels at one view. Supposing a word to end in *ú*, and the next word to begin with *au*, the student must carry his eye down the first column (headed "final vowels") till he comes to *ú*, and then along the top horizontal line of "initial vowels," till he comes to *au*. At the junction of the perpendicular column under *au* and the horizontal line beginning *ú*, will be the required combination, viz. *v au*.

CHANGES OF VOWELS.

INITIAL VOWELS.	<i>a</i>	<i>á</i>	<i>i</i>	<i>í</i>	<i>u</i>	<i>ú</i>	<i>ri</i>	<i>rí</i>	<i>e</i>	<i>ai</i>	<i>o</i>	<i>au</i>
FINAL VOWELS.	<i>á</i>	<i>á</i>	<i>e</i>	<i>e</i>	<i>o</i>	<i>o</i>	<i>ar</i>	<i>ar</i>	<i>ai</i>	<i>ai</i>	<i>au</i>	<i>au</i>
<i>á</i>	<i>á</i>	<i>á</i>	<i>e</i>	<i>e</i>	<i>o</i>	<i>o</i>	<i>ar</i>	<i>ar</i>	<i>ai</i>	<i>ai</i>	<i>au</i>	<i>au</i>
<i>i</i>	<i>y</i>	<i>y</i>	<i>i</i>	<i>í</i>	<i>u</i>	<i>ú</i>	<i>ri</i>	<i>ri</i>	<i>e</i>	<i>y</i>	<i>ai</i>	<i>y</i>
<i>i</i>	<i>y</i>	<i>y</i>	<i>i</i>	<i>í</i>	<i>u</i>	<i>ú</i>	<i>ri</i>	<i>ri</i>	<i>e</i>	<i>y</i>	<i>ai</i>	<i>y</i>
<i>u</i>	<i>v</i>	<i>a</i>	<i>v</i>	<i>v</i>	<i>ú</i>	<i>ú</i>	<i>ri</i>	<i>ri</i>	<i>e</i>	<i>y</i>	<i>ai</i>	<i>o</i>
<i>u</i>	<i>v</i>	<i>a</i>	<i>v</i>	<i>v</i>	<i>ú</i>	<i>ú</i>	<i>ri</i>	<i>ri</i>	<i>e</i>	<i>y</i>	<i>ai</i>	<i>o</i>
<i>ú</i>	<i>v</i>	<i>a</i>	<i>v</i>	<i>v</i>	<i>ú</i>	<i>ú</i>	<i>ri</i>	<i>ri</i>	<i>e</i>	<i>y</i>	<i>ai</i>	<i>o</i>
<i>ri</i>	<i>r</i>	<i>a</i>	<i>r</i>	<i>í</i>	<i>u</i>	<i>ú</i>	<i>rí</i>	<i>rí</i>	<i>e</i>	<i>r</i>	<i>ai</i>	<i>r</i>
<i>ri</i>	<i>r</i>	<i>a</i>	<i>r</i>	<i>í</i>	<i>u</i>	<i>ú</i>	<i>rí</i>	<i>rí</i>	<i>e</i>	<i>r</i>	<i>ai</i>	<i>r</i>
<i>e</i>	<i>e</i>	<i>a</i>	<i>a</i>	<i>í</i>	<i>u</i>	<i>ú</i>	<i>ri</i>	<i>ri</i>	<i>e</i>	<i>a</i>	<i>ai</i>	<i>a</i>
<i>e</i>	<i>ay</i>	<i>a</i>	<i>ay</i>	<i>í</i>	<i>u</i>	<i>ú</i>	<i>ri</i>	<i>ri</i>	<i>e</i>	<i>ay</i>	<i>ai</i>	<i>ay</i>
<i>ai</i>	<i>áy</i>	<i>a</i>	<i>áy</i>	<i>í</i>	<i>u</i>	<i>ú</i>	<i>ri</i>	<i>ri</i>	<i>e</i>	<i>áy</i>	<i>ai</i>	<i>áy</i>
<i>o</i>	<i>o*</i>	<i>av</i>	<i>á</i>	<i>av</i>	<i>u</i>	<i>ú</i>	<i>ri</i>	<i>ri</i>	<i>e</i>	<i>av</i>	<i>ai</i>	<i>av</i>
<i>au</i>	<i>áv</i>	<i>a</i>	<i>áv</i>	<i>í</i>	<i>u</i>	<i>ú</i>	<i>ri</i>	<i>ri</i>	<i>e</i>	<i>áv</i>	<i>ai</i>	<i>áv</i>

E

Observe, that in the above table the final letter, in its changed state, has been printed, for greater clearness, separate from the initial; except in those cases where the blending of the two vowels made this impossible.

* If the initial *a* belong to a termination, affix, &c., and not to a complete word, then *a* is not cut off, and *o* becomes *av* before it. See 36. a.

SECT. II.—CHANGES OF CONSONANTS.

39. Before proceeding to the combination of consonants, let the letters be again regarded as divided into two grand classes of Hard and Soft, as explained at 20. *b*.

HARD OR SURD.			SOFT OR SONANT.						
<i>k</i>	<i>kh</i>		<i>y</i>	<i>gh</i>	<i>n</i>	<i>h</i>	<i>a</i>	<i>á</i>	
<i>ch</i>	<i>chh</i>	<i>ś</i>	<i>j</i>	<i>jh</i>	<i>ñ</i>	<i>y</i>	<i>i</i>	<i>í</i>	<i>e</i> <i>ai</i>
<i>ṭ</i>	<i>ṭh</i>	<i>sh</i>	<i>ḍ</i>	<i>ḍh</i>	<i>ṇ</i>	<i>r</i>	<i>ṛi</i>	<i>ṛí</i>	
<i>t</i>	<i>th</i>	<i>s</i>	<i>d</i>	<i>dh</i>	<i>n</i>	<i>l</i>	<i>ḷi</i>	<i>ḷí</i>	
<i>p</i>	<i>ph</i>		<i>b</i>	<i>bh</i>	<i>m</i>	<i>v</i>	<i>u</i>	<i>ú</i>	<i>o</i> <i>au</i>

Note—In the following rules it may generally be observed, that final consonants have a tendency to adapt themselves to initial, rather than initial to final.

GENERAL RULES.

40. If two hard or two soft consonants come together, one at the end and the other at the beginning of a word or affix, there is generally no change; and similarly, if a soft consonant ends a word, when a vowel follows: thus,

विद्युत् प्रकाशते *vidyut prakáshate*, ‘the lightning shines.’

कुमुद् विकसति *kumud rikasati*, ‘the lotus blossoms.’

दृशद् अधोगच्छति *dṛśad adhogachchhati*, ‘the rock descends.’

विद्युत् + सु *vidyut + su* = विद्युत्सु *vidyutsu*, ‘in lightnings.’

a. Observe, however, that the unaspirated form of a final letter is substituted for the aspirated. as चित्रलिख् + करोति *chitralikh + karoti* becomes चित्रलिक् करोति *chitralik karoti*.

41. If any hard letter ends a word, root, or crude base, when any soft initial letter follows, the hard (unless affected by some special rule) is changed to its own unaspirated soft: thus

वाक् + देवी *vák + deví* becomes वाग्देवी *vágdeví*, ‘the goddess of eloquence.’

वाक् + ईश *vák + ísa* = वाग्ईश *vágísa*, ‘the lord of speech.’

चित्रलिख् + लिखति *chitralikh + likhati* = चित्रलिक् लिखति *chitralig likhati*, ‘the painter paints.’

विद् + भव *viḍ + bhava* = विद्भव *viḍbhava*, ‘generated by filth.’

a. There is an option allowed before nasals; that is, when any nasal begins the next word, the final of the last word is usually (though not necessarily) changed to the nasal of its own class: thus

वाक् + मय *vák + maya* becomes वाङ्मय *ván-maya*, 'full of words.'

विद् + मय *vit + maya* = विश्मय *viṣmaya*, 'full of filth.'

तत् + मात्र *tat + mátra* = तन्मात्र *tanmátra*, 'that element.'

तत् + नेत्रं *tat + netram* = तन्नेत्रं *tan netram*, 'that eye.'

अप् + मूलं *ap + mūlam* = अम्मूलं *ammūlam*, 'water and roots.'

b. Rule 41 applies to terminations of nouns or verbs beginning with consonants, but not to terminations beginning with vowels. In the latter case, the final hard consonant is supposed to attract the initial vowel, and thus, losing its character of a final letter, is not made soft: thus वाक् + भिस् *vák + bhis* becomes वाग्भिस् *vágbhis*, 'by words;,' but वाच् + आ *vách + á* becomes वाचा *váchá*, 'by a speech;,' not वाजा *vájá*. चित्रलिख् + सु *chitralikh + su* is चित्रलिक्सु *chitraliksu*, 'in painters;,' but चित्रलिख् + आ *chitralikh + á* remains चित्रलिखा *chitralikhá*, 'by a painter.'

c. Of course, rule 41 does not apply to final sibilants, as they have no corresponding soft letters. The rules for sibilants are given at 61.

42. If a soft letter ends a word, root, or crude base, when any hard initial letter follows, the soft is changed to its own unaspirated hard: thus

कुमुद् + फुलति *kumud + phullati* becomes कुमुत् फुलति *kumut phullati*,
'the lotus blossoms.'

सन्धि + प्रदीप्यते *sanidh + pradípyate* = समित् प्रदीप्यते *samit pradípyate*,
'the fuel is ignited.'

Note—Similarly in Latin, a soft guttural or labial often passes into a hard before *s* and *t*; thus *reg + si* becomes *recesi* (*rexi*), *scrib + si* becomes *scripsi*.

a. The same may take place at the end of a sentence or before a pause, as फुलति कुमुत् *phullati kumut*.

b. Soft letters, which have no corresponding hard, such as the nasals, semi-vowels, and *h*, are changed by special rules.

c. If the final be an aspirated soft letter, and belongs to a root whose initial is *ग* *g*, *द* *d*, or *ब* *b*, then the aspirate, which is suppressed in the final, is transferred back to the initial letter of the root; as बुध् + करोति *budh + karoti* becomes भुत् करोति *bhut karoti*, 'he who knows acts;,' दध् + तस् *dadh + tas* becomes धत्तस् *dhattas*, 'they two place;,' and see 306. a, 299. a.

Note—Greek recognises a similar principle in *θρίξ*, *τριχῶς*, *τρέχω*, *τρέξω*, &c.

43. The following consonants are not allowed to remain unchanged at the end

of words *, under any circumstances: that is to say, they undergo modifications, even at the end of a sentence; and when they are combined with the initial letters of succeeding words, or with the initial *consonants* of affixes, these modifications must take place before rules 41 and 42 are applied. 1st, A conjunct consonant of any kind; 2d, an aspirated consonant; 3d, the aspirate ह *h*; 4th, the palatal letters च *ch*, छ *chh*, ज *j*, झ *jh* (when originally palatal, and not the result of the euphonic changes of final त *t* and द *d* at 47); 5th, the sibilants श *ś* and ष *śh*.

a. With regard to 1, when a word ends in a single or conjunct consonant, and a termination to be affixed consists of a single consonant, then, to avoid the concurrence of silent consonants at the end of a word, the first only of the conjunct consonants is allowed to remain, and the termination is dropped: thus चरन् + स् *charant+s* leaves चरन् *charan*, 'going'; अवेद् + स् *aved+s* leaves अवेत् *avet* or अवेद् *aved*. So in Latin, *mulsi* is written for *mulg-si*; *sparsi* for *sparg-si*, &c.

b. With regard to 2, the unaspirated form is substituted for the aspirated.

c. With regard to 3, a final ह *h* (which is of very rare occurrence) is usually changed either to क *k* or ट *t*. See 17. a.

d. With regard to 4, palatals, as being derived from gutturals (see 20. c.), generally revert to their originals; i. e. final च *ch* and झ *jh* are usually changed to क (see 12), but छ *chh* may become ट *t*; ज *j* becomes ग *g*, but sometimes ट *t* or इ *d*.

e. With regard to 5, final श *ś* and ष *śh* usually pass into either क *k* or ट *t*. (See 17. b.)

The above changes must hold good, whatever may be the initial letter of a following word; but rules 41 and 42 must be afterwards applied. They also hold good before all terminations or affixes beginning with strong consonants; but before vowels (except the affix *a* at 80. I.) and weak consonants (i. e. nasals and semivowels) the finals remain unchanged. See 41. b, and *vách* at 176.

44. The special rules for the changes of consonants are very numerous, but since few words in Sanskrit end in any other consonants than त *t* and द *d*, the nasals न *n* and म *m*, the dental sibilant स *s*, and the semivowel र *r*, it will be sufficient for all practical purposes to notice these special rules under four heads; 1st, the changes of final त *t* and द *d*; 2dly, the changes of the nasals; 3dly, the changes of final स *s*; 4thly, the changes of final र *r*.

CHANGES OF FINAL त *t* AND द *d*.

45. By the general rule (41), final त *t* becomes द *d* before soft consonants, and before all vowels (as मरुत् + वाति *marut + váti* becomes मरुद् वाति *marud váti*, 'the wind blows').

* Excepting in roots, standing by themselves, or, if used as nouns, before terminations beginning with vowels.

a. There is an exception in the case of *vidyut + vat*, making *vidyutwat*, 'possessed of lightning.'

46. And final *द् d* becomes *त् t* before hard consonants (as *दृशद् + पतति dṛśad + patati* becomes *दृशत् पतति dṛśat patati*, 'the stone falls'). See 42.

47. And final *त् t* or *द् d* becomes *न् n* before all nasals, See 41. a. But final *त् t* or *द् d* before initial *च ch*, *ज j*, *ल l*, *श ś*, and *ह h*, undergoes special changes : thus—

Final त् t or द् d before च ch, ज j, ल l.

48. If *त् t* or *द् d* ends a word, when an initial *च ch*, *ज j*, or *ल l*, follows, then *त् t* or *द् d* assimilates with these letters : thus

भयात् + लोभात् + च bhayát + lobhát + cha becomes *भयाल् लोभाच् च bhayál lobhách cha*, 'from fear and avarice.'

तद् + जीवनं tad + jīvanam = तज् जीवनं taj jīvanam, 'that life.'

a. A final *त् t* or *द् d* also assimilates with a following *छ chh*, *झ jh*, but as, by 43. b, an aspirate is not allowed at the end of a word, the combination will be *च chh*, *ज jh*. They also assimilate with the cerebral letters *ट t*, *ड ḍ*: thus *तत् + डीनं tat + dīnam* becomes *तड् डीनं taḍ dīnam*.

b. Observe—When *छ chh* is the *original* initial letter of a word, and a previous word ends in a short vowel (or even a long vowel), then *त् t*, changeable to *च् ch* by 48. a, may be inserted: thus *वि + छेद vi + chheda* may be written *विच्छेद vichchheda*.

Final त् t or द् d before श ś.

49. If *त् t* or *द् d* ends a word, when an initial *श ś* follows, then *त् t* or *द् d* is changed to *च् ch*, and the initial *श ś* is usually changed to *छ chh*: thus *तत् + श्रुत्वा tat + śrutvá* becomes *तच् च्रुत्वा tach chhrutvá*, 'having heard that.'

Final त् t or द् d before ह h.

50. If *त् t* ends a word, when initial *ह h* follows, the final *त् t* is changed to *द् d* (by 41), and the initial *ह h* to *ध dh*: thus *तत् + हरति tat + harati* becomes *तद् धरति* (or *तद्धरति*) *taḍ dharati*, 'he seizes that.'

51. By a similar rule, and on the same principle, are written words ending in *क् k*, followed by initial *ह h*: thus *वाक् + हरति vāk + harati* becomes *वाग् घरति vāg gharati*, 'speech captivates.' Similarly, roots ending in *ट t*, followed by a termination beginning with *ह h*: thus *द्विट् + हि dviṭ + hi* becomes *द्विट्ठि dviṭṭhi*.

CHANGES OF THE NASALS.

Changes of final न् n.

52. If the letter न् *n*, preceded by a *short* vowel, ends a word, when the next begins with any vowel, the *n* is doubled: thus

आसन् + अत्र *ásan + atra* becomes आसन्न अत्र *ásann atra*, 'they were there.'

तस्मिन् + उद्याने *tasmin + udyáne* = तस्मिन्न उद्याने *tasminn udyáne*, 'in that garden.'

53. If न् *n* ends a word, when an initial त *t*, च *ch*, or ट *t*, follows, a sibilant is inserted between the final and initial letter, according to the class of the initial letter; and the न् *n* then passes into Anuswára by 6. *b*: thus

अस्मिन् + तडागे *asmin + tadáge* becomes अस्मिंस्तडागे or अस्मिंस् तडागे *asmins tadáge*, 'in this pool.'

कस्मिन् + चित् *kasmin + chit* = कस्मिंश्चित् *kasminśchit**, 'in a certain person.'

महान् + टङ्कः *mahán + ṭan-kah* = महांष्टङ्कः *mahánshṭan-kah*, 'a large axe.'

a. A similar euphonic *s* is inserted between the prepositions *sam*, *ava*, *pari*, *prati*, and certain words which begin with *k*, as संस्कार *sanskára*, परिष्कार *parishkára*, प्रतिष्कार *pratishkára*, &c. (see 70); just as in Latin, between the prepositions *ab* and *ob*, and *c*, *q*, and *p*.

b. न् *n* at the end of a root, or incomplete word, is not amenable to this rule: thus हन् + ति *han + ti* is हन्ति *hanti*, 'he kills.' The word प्रशान् *praśán* (nom. of *praśám*) is also an exception; as, प्रशान् तनोति 'the peaceful man spreads.'

54. Rule 53 describes the only cases in which न् *n*, when originally the final of a word, can pass into Anuswára: thus, combinations like तान् जानाति or तान् ददाति can never be written तां जानाति, तां ददाति.

55. If न् *n* ends a word, when the next begins with श *ś*, then both न् *n* and श *ś* may remain unchanged or be combined in either of the two following ways: 1st, the final न् *n* may be changed to न् *n̄*; thus महान् + शूरः *mahán + śúrah* may be written महान् शूरः 'a great hero:?' 2dly, the श *ś* may be changed to च् *chh*; thus महान् शूरः.

56. If न् *n* ends a word, when the next begins with ल *l*, the *n* assimilates with the *l*, and the mark ∪ is placed over the preceding vowel: thus पक्षान् + लुनाति *pakshán + lunáti* becomes पक्षौलुनाति or पक्षौल् लुनाति 'he clips the wings.' See 7. Similarly, *én* with *λάμπω* becomes *ἐλλάμπω*; and *con* with *ligo*, *colligo*.

* The same holds good before च् *chh*, and before थ *th*, ठ *ṭh*; but the two latter are never likely to occur..

a. Final न् *n*, before ज *j* or ञ *jh*, is sometimes (but very rarely) written in the palatal form ञ्; and before ड *d*, ढ *dh*, in the cerebral form ण्.

57. ये *n* as the final of crude bases is rejected before terminations and affixes beginning with consonants: thus

धनिन् + भिस् *dhanin + bhis* becomes धनिभिस् *dhanibhis*, 'by rich people.'

धनिन् + त्व *dhanin + twa* = धनित्व *dhanitwa*, 'the state of being rich.'

a. As the final of a root it is rejected before those terminations beginning with consonants (excepting nasals and semivowels), which have no symbol indicative of Guṇa. (See 307 and 318.)

b. Also, when the word ending in न् *n* is the first (or any but the last) member of a compound word, even though the next member of the compound begins with a vowel: thus

राजन् + पुरुष *rājan + puruṣa* becomes राजपुरुष *rāja-puruṣa*, 'the king's servant.'

राजन् + इन्द्र *rājan + indra* = राजेन्द्र *rājendra*, 'the chief of kings.'

स्वामिन् + अर्थं *swāmin + artham* = स्वाम्यर्थं *swāmyartham*, 'on account of the master.'

Change of न n, not final, to ण ṇ.

58. If न *n* (not final) follows any one of the three cerebral letters, ञ् *ṣi*, र *r*, ष *sh*, in the same word, then न *n* must be changed to the cerebral ण *ṇ*, even though क *k*, ग *g*, ष *p*, ब *b*, (or their aspirates,) ह *h*, य *y*, व *v*, or म *m*, intervene. Thus the nom. plur. of शुष्कं पुष्पं 'a withered flower,' is शुष्काणि पुष्पाणि *śuṣhkāṇi puṣhpāṇi* (not शुष्कानि पुष्पानि). Similarly, the accus. case of ब्रह्महन् *brahmahan*, 'a brāhman slayer,' is ब्रह्महणं; the imperative of क्षिप् *kship*, 'to throw,' is क्षिपाणि; the nom. plur. of वर्मन् *varman*, 'armour,' is वर्माणि; the instrum. sing. of मृग *mṛiga*, 'a deer,' is मृगेण. But the intervention of a dental, or cerebral consonant, or of any palatal except *y*, or of any letter whatever (excepting a nasal, a semivowel, or ह *h*) if conjunct with the nasal, prevents the operation of this rule. Thus the instrum. case of शृगाल *śṛigāla*, 'a jackal,' is शृगालेन; the nom. plur. of वर्त्मन् *varتمان*, 'a word,' is वर्त्मनि; and in further illustration of the same law, may be taken सर्जन *sarjana*, 'abandoning;' क्रीडन *krīḍana*, 'playing;' प्राप्नोति *prāpnoti*, 'he obtains;' राजा *rājñá*, 'by a king.' But वृक्क is sometimes written वृक्कण.

Changes of final म् m.

59. If म् *m* ends a word or root, when any consonant follows, then म् *m* may pass into Anuswára, or may optionally, before those consonants which have a corresponding nasal, be changed to this nasal:

thus गृहम् + जगाम *griham + jagāma* is written either गृहं जगाम or गृहञ्जगाम 'he went home:' so also *sam + dīna* becomes either संडीन or सराडीन 'flight;' *sam + chaya*, either संचय or सञ्चय 'collection;' *sam + nyāsa*, either संन्यास or सन्त्यास 'abandonment;' *gam + tā*, either गंता or गन्ता. But although म् *m* may in these cases pass into Anuswāra, the latter must always take the sound of the nasal to which it may optionally be changed.

60. When the next word begins with a vowel, then म् *m* must always be written: thus गृहमायाति or गृहम् आयाति *griham āyāti*, 'he comes home.'

CHANGES OF FINAL स् *s*.

61. Nearly every nominative case, and many other cases of nouns, in Sanskrit, besides many inflections of verbs, end in स् *s*, which is changeable to श् *ś*, and is liable to be represented by : Visarga (i. e. the symbol for a final aspirate), or to pass into र *r*, or to be liquefied into उ *u*, or to be dropped altogether, according to the nature of the initial letter following*. *At every step these changes will meet the eye*: therefore let the student master the following five rules, before he attempts to read a single sentence of the most elementary Sanskrit work.

Observe—The following rules are designated by Indian grammarians, "rules for the changes of Visarga." This exaltation of a mere symbol to the place of the letter which it represents, tends, however, to embarrass the subject unnecessarily, and imparts to Visarga itself a nature so Protean, that the student is continually foiled in his effort to apprehend a character which is liable to become now *s*, now *r*, now *u*, now *y*, now to be dropped, and now to return to its original form. It seems a simpler and preferable course (the result being in the end equivalent) to start from the tangible character स् *s*, which Visarga, under certain circumstances, represents; or, in other words, to regard Visarga as no letter at all, but a mere symbol for final स् *s*, and, as we shall afterwards see at 71, for final र *r*, when these letters are pronounced with an imperceptible aspiration (compare rule 8), as they are always pronounced before क *k*, प *p*, स *s*, श *ś*, and at the end of a sentence.

* The interchangeableness of *s* with *r* and *h* is not unknown in other languages. Thus the Latin *flos* becomes in the genitive *floris*; *genus* becomes *generis*: and many other Latin words, such as *labor*, *robur*, were originally written either *labor* or *labos*, *robur* or *robos*. Again, the initial aspirate in many Greek words passes in Latin into *s*: as, *ἑξ*, *sex*, &c.

FIRST RULE.—*When does final स s remain unchanged, or become श ष, ष sh?*

62. Before त *t*, च *ch*, and ट *t*, respectively. Before त *t*, and its aspirate, it remains unchanged. Before च *ch*, and its aspirate, it passes into the palatal sibilant श ष. Similarly, before ट *t*, and its aspirate, it passes into the cerebral sibilant ष *sh*. But this latter change can rarely occur, as very few words in Sanskrit begin with ट *t* or ट *th*.

a. In some books final स *s* is allowed to remain unchanged before स *s*, and to assimilate with initial श ष.

SECOND RULE.—*When does final स s pass into Visarga (:)?*

63. Before क *k*, प *p*, and their aspirates, and before the sibilants स *s*, श ष.

a. Before a pause, i. e. at the end of a sentence.

b. Observe—When a word stands by itself, final *s* properly passes into Visarga; and this is why, in native grammars, the terminations of nouns and verbs, which appear first in the tabular scheme, as ending in *s*, are made to end in Visarga, when they appear again in declension and conjugation. In the following pages, however, *s* will be preserved as a final, in declension and conjugation, for two reasons: 1st, because it is more tangible, and easy to apprehend, than a symbol which is imperceptible in pronunciation: 2dly, because it enables the classical student to keep in view the resemblance between Sanskrit and Greek and Latin terminations.

THIRD RULE.—*When does final स s blend with a preceding अ a into the vowel औ o?*

64. When preceded by short अ *a*, before all *soft* consonants, it is treated as if liquefied into उ *u**, and blends with the *a* into औ *o*.

a. Similarly, before short अ *a*, which *a* is then cut off.

FOURTH RULE.—*When does final स s become र r?*

65. When preceded by any other vowel but अ *a* or आ *á*, and before all *soft* letters, consonants or vowels.

* That is, it is first changed to *r*, as at 65, and *r* is then liquefied into a vowel; just as *l* is often changed to *u* in French. The plural of *animal* is *animaux*, not *animals*.

a. Unless र *r* itself be the soft letter following, in which case, to avoid the conjunction of two *r*'s, final स् *s* is dropped, and the vowel preceding it (if short) is lengthened.

FIFTH RULE.—*When is final स् s dropped?*

66. When preceded by short अ *a*, before any other vowel except short अ *a**. NB. The अ *a*, which then becomes final, opens on the initial vowel without coalition †.

a. When preceded by long आ *á*, before any soft letter, consonant or vowel. NB. If the initial letter be a vowel, the आ *á*, which then becomes final, opens on it without coalition.

b. When preceded by any other vowel but अ *a* or आ *á*, before the letter *r*, as noticed at 65. *a.*

c. Observe—Although it simplifies the subject to speak of final *s* as dropped in these cases, yet, according to native grammarians, it would be more correct to say that final *s* first passes into Visarga, which is then dropped: otherwise the term Visarga is without meaning. Indian grammarians, however, hold that Visarga undergoes another change before it is dropped, viz. to *y*; and that this *y* is rejected in accordance with 36, 37.

The above five rules are illustrated in the following table, in which the nominative cases नरस् *naras*, ‘a man;’ नरास् *narás*, ‘men;’ हरिस् *haris*, ‘the god Vishnu;’ रिपुस् *ripus*, ‘an enemy;’ and नौस् *naus*, ‘a ship’—are joined with the verbs *karoti*, ‘he does;’ *kurvanti*, ‘they do;’ *khanati*, ‘he digs;’ *khananti*, ‘they dig;’ *pachati*, ‘he cooks;’ *pachanti*, ‘they cook;’ *sarati*, ‘he goes;’ *śochati*, ‘he grieves;’ *tarati*, ‘he crosses;’ *charati*, ‘he moves;’ *gachchhati*, ‘he goes;’ *jayati*, ‘he conquers;’ *rakshati*, ‘he preserves;’ *atti*, ‘he eats;’ *adanti*, ‘they eat;’ *eti*, ‘he goes;’ *áyāti*, ‘he comes;’ *edhate*, ‘he prospers.’

* That is, it blends with *a* into *o*, as in 64; and *o* becoming *av* before any vowel but *a*, the *v* is rejected by 36. Indian grammarians hold that final *s* or Visarga here becomes *y*, which would also be rejected by 36. This, however, seems rather to apply to 66. *a.*

† This is one of the three cases in which a hiatus of two vowels is admissible in Sanskrit. The three cases are, 1. when final *s* is rejected from *as* or *ás* (66); 2. when a complete word, ending in *e*, is followed by any other vowel but *a* (see 36); 3. when the dual terminations ईँ, ऊँ, ए, are followed by vowels (see 38).

FIRST RULE. Final <i>स्</i> remains unchanged, or passes into <i>श्रः</i> .	SECOND RULE. Final <i>स्</i> passes into <i>Visarga</i> .	THIRD RULE. Final <i>स्</i> blends with <i>a</i> into <i>ओ</i> .	FOURTH RULE. Final <i>स्</i> becomes <i>र</i> .	FIFTH RULE. Final <i>स्</i> is dropped.
<p>नरस् तरति <i>naras tarati</i> नरास् तरति <i>narás taranti</i> हरिस् तरति <i>haris tarati</i> नौस् तरति <i>naus tarati</i></p>	<p>नरः करोति <i>narah karoti</i> नराः कुर्वति <i>narah kurvati</i> हरिः करोति <i>harih karoti</i> नरः खनति <i>narah khañati</i> नराः खनति <i>naráh khañanti</i> हरिः खनति <i>harih khañati</i></p>	<p>नरो गच्छति <i>narō gacchhati</i> नरो जयति <i>narō jagati</i> नरो याति <i>narō yāti</i> नरो रक्षति <i>narō rakshati</i></p>	<p>हरिर् अति <i>harir atti</i> रिप् र् अति <i>ripur atti</i> नौर् याति <i>naur āyāti</i> हरिर् एति <i>harir eti</i> रिप् र् एति <i>ripur eti</i> नौर् एति <i>naur eti</i></p>	<p>नर आयाति <i>narā āyāti</i> नरा अदति <i>narā adanti</i> नर ईक्षते <i>narā ikshate</i> नरा ईक्षते <i>narāv ikshante</i> नर एधते <i>narā edhate</i> नरा एधते <i>narāv edhante</i> नरा गच्छति <i>narāv gacchhanti</i> नरा यानि <i>narāv yāni</i> नरा रक्षति <i>narāv rakshanti</i></p>
<p>Final <i>s</i> rarely remains unchanged before <i>स</i>, <i>श</i>, and assimilates with <i>श्रः</i>; thus, नरस् सरति <i>naras sarati</i> नरास् सरति <i>narás saranti</i> हरिस् सरति <i>haris sarati</i> नरश् शोचति <i>naras śochati</i> नराश् शोचति <i>narás śochanti</i> हरिश् शोचति <i>haris śochati</i></p>	<p>नरः सरति <i>narah sarati</i> नराः सरति <i>naráh saranti</i> हरिः सरति <i>harih sarati</i> नरः शोचति <i>narah śochati</i> नराः शोचति <i>naráh śochanti</i> हरिः शोचति <i>harih śochati</i> Before a pause, करोति नरः <i>karoti narah</i></p>	<p>Similarly, final <i>s</i> preceded by <i>a</i>, before all soft consonants; and also before <i>अ</i>, which <i>अ</i> is then cut off; thus, नरो ष्ति <i>narō ṣhi</i> for <i>narō atti</i></p>	<p>Similarly, final <i>s</i> preceded by any vowel but <i>a</i> or <i>ā</i>, before all soft letters excepting <i>r</i>, when final <i>s</i> also becoming <i>r</i>, is rejected, and the preceding vowel lengthened; thus, हरि रक्षति <i>harī rakshati</i> रिप् रक्षति <i>ripū rakshati</i></p>	<p>Similarly, final <i>s</i> preceded by <i>अ</i>, before all vowels excepting <i>अ</i>; and, final <i>s</i> preceded by <i>ā</i>, before all soft letters, consonants or vowels.</p>

67. There is one common exception to 62, 63, 64: **सस्** *sas*, 'he,' and **एषस्** *eshas*, 'this,' the nominative cases of the pronouns **तद्** *tad* and **एतद्** *etad* (220, 223), drop the final *s* before any *consonant*, hard or soft; as, **स करोति** *sa karoti*, 'he does;' **स गच्छति** *sa gachchhati*, 'he goes;' **एष पचति** *esha pachati*, 'this man cooks.' But rules 64. *a*, 66 and 63. *a*, are observed: thus, **सोऽपि** *so 'pi*, 'he also;' **स एषः** *sa esha*, 'he himself.' Sometimes *sa* may blend with a following vowel, as **सैवः** for **स एषः**.

A remarkable agreement is observable here in the Greek *ó* for *ós*. Compare also the Latin *qui* for *quis*, and *ille, iste, ipse*, for *illus, istus, ipsus*. Bopp considers that the reason why *sa* dispenses with the termination *s* is, that this termination is itself derived from the pronoun *sa*.

a. There is an option allowed when an initial sibilant is compounded with another hard consonant. In that case, the preceding final *s* may be dropped; as, **हरि स्कन्दति** *hari skandati*, 'Hari goes.'

b. A rare exception to the first rule occurs, when an initial **त** *t* is compounded with a sibilant. In that case, the preceding final *s* becomes Visarga; as, **हरिः त्सरं गृह्णाति** *harih tsarum grihñati*, 'Hari grasps the hilt of his sword.'

68. The preceding rules are most frequently applicable to **स्** *s*, as the final of the cases of nouns and inflections of verbs; but they come equally into operation in substantives or adjectives, whose *base* or *crude form* ends in **अस्** *as*, **इस्** *is*, and **उस्** *us*: thus, by 64, **चक्षुस् + ईक्षते** *chakshus + ikshate* becomes **चक्षुर् ईक्षते** *chakshur ikshate*, 'the eye sees;' and **चक्षुस् + भिस्** *chakshus + bhis* = **चक्षुर्भिस्** *chakshurbhis*, 'by eyes.' Similarly, by 65, **मनस् + जानाति** *manas + jānāti* = **मनो जानाति** *mano jānāti*, 'the mind knows;' and **मनस् + भिस्** *manas + bhis* = **मनोभिस्** *manobhis*, 'by minds.'

a. Observe—All nouns ending in **इस्** *is* and **उस्** *us* may be regarded as ending in **इष्** *ish* and **उष्** *ush*, which is the form they necessarily assume in declension before the terminations beginning with vowels (see 70, and compare 41. *b*): thus **चक्षुस् + आ** *chakshus + ā* becomes **चक्षुषा** *chakshushā*, 'by the eye;' but before consonants they must be treated as ending in the dental sibilant. See 165.

69. **स्** *s* at the end of the first member of a compound word, before hard letters of the guttural or labial classes (**क** *k*, **प** *p*, or their aspirates), may follow 63, or is more usually retained, passing sometimes into **ष** *sh*, according to 70: thus **तेजस् + कर** *tejas + kara* becomes either **तेजस्कर** or **तेजःकर** 'causing light;' **प्रादुस् + कृत** *prādus + kṛita* becomes **प्रादुष्कृत** *prādushkṛita*, 'made manifest;' **दिवस् + पति** *divas + pati* = **दिवम्पति** 'the lord of day.'

a. Again, in opposition to 64 and 65, a final **स्** *s* is usually retained before affixes beginning with **व** *v* and **म** *m*, passing sometimes into **ष** *sh*, according to 70: thus **तेजस् + विन्** *tejas + vin* becomes **तेजस्विन्** *tejasvin*, 'full of light;' **भास् + वर** *bhās + vara* = **भास्वर** *bhāswara*, 'radiant;' and **अर्चिस् + मत्** *archis + mat* = **अर्चिष्मत्** *archishmat*, 'possessing flame.'

70. **स** *s*, *not final*, passes into **ष** *sh* when preceded by any other vowel but **अ** *a* or **आ** *ā*; also when preceded by the semivowel **र्** *r*, or by **क्** *k*:

thus अग्नि + सु *agni + su* becomes अग्निषु *agnishu*, 'in fires;' करो + सि *karo + si* = करोषि *karoshi*, 'thou doest;' विभर् + सि *bibhar + si* = विभर्षि *bibharshi*, 'thou bearest;' वाक् + सु *vák + su* = वाक्षु *vákshu*, 'in words.' See 69. and 69. a.

a. An intervening Anuswára or Visarga does not prevent the operation of this rule: thus, हवींषि, चक्षूंषि, हविःषु, चक्षुःषु.

CHANGES OF FINAL र् r.

71. Most of the changes of final र् *r* are the same as those of final स् *s*.

a. Thus, by 63, प्रातर् + काल *prátar + kála* becomes प्रातःकाल *prátahkála*, 'the time of morning;' and प्रातर् + स्नान *prátar + snána* = प्रातःस्नान *prátahsnána*, 'morning ablution.' But *r* as the final of a root, or as a radical letter, remains unchanged before a sibilant: thus, चर् + सु = चर्षु (No. 70); विभर् + सि = विभर्षि.

b. By 62, प्रातर् + तु *prátar + tu* becomes प्रातस्तु *prátastu*; and प्रातर् + च *prátar + cha* = प्रातश्च *prátascha*.

Note, that the transition of *r* into *s* before *t* is exemplified in Latin by *gestum* from *gero*, *ustum* from *uro*, &c. On the other hand, *r* in the middle of words is preserved before *t* in Sanskrit, as in *kartum*, &c.

c. By 65, निर् + उक्त *nir + ukta* remains निरुक्त *nirukta*, 'described;' निर् + दय *nir + daya* remains निर्दय *nirdaya*, 'without pity;' and निर् + रस *nir + rasa* is नीरस *nírasa*, 'without flavour.'

d. After the analogy of 65. a, final *ar* before initial *r* drops its own *r*, and lengthens the preceding *a*: as पुनर् + रक्षति *punar + rakshati* becomes पुना रक्षति *puná rakshati*, 'again he preserves.'

e. But in opposition to 64 and 66, final अर् *ar*, unlike अस् *as*, remains unchanged before any soft letter (consonant or vowel): thus प्रातर् + आश *prátar + ása* remains प्रातराश *prátarása*, 'morning meal;' पुनर् + याति *punar + yáti* remains पुनर् याति *punar yáti*, 'again he goes.'

72. र् *r* at the end of the first member of a compound, before क *k*, प *p*, and their aspirates, may either become Visarga, by 63, or more usually follows 69, and passes into स् *s*, which is liable to become ष *sh* by 70: thus निर् + फल *nir + phala* becomes निष्फल *nishphala*, 'without fruit.' In the case of दुर् + ख *dur + kha*, दुःख is more common than दुष्व.

73. र् *r* may optionally double any consonant, except ह *h*, that immediately follows it: thus निर् + दय *nir + daya* may be written निर्दय *nirddaya*.

The following table exhibits the more common combinations of consonants at one view. Observe, that in the top line of initial letters the aspirated consonants have been omitted, because it is an universal rule, that whatever change takes place before any consonant, the same holds good before its aspirate.

INITIAL VOWELS AND CONSONANTS.	अ, ई, &c.	आ, ई, &c.	क	ग	च	ज	त	द	न	प	ब	म	य	र	ल	व	श	स	ह													
क or ग	g	á g &c.	k	g	ch	j	k	t	n	p	b	m	y	r	l	v	ś	s	h													
त or द	d	á d &c.	ch	d	ch	j	t	d	n	t	p	u	m	d	y	l	ch	t	dh													
न	{	nn* á &c.	n	n	ś ch	n† j	n	d	n	n	p	n	u	y	n	r	{ ú or ú	s	n	h												
			o	á &c.	ah	k	o	j	as	t	o	n	ah	p	o	y	o	r	o	ś	ah	s	o	h								
अस	á	á &c.	á	á	ś ch	á j	ás	t	á	n	áh	p	á	b	á	y	á	ś	áh	s	á	h										
इस, ईस उस, ऊस एस, ऐस ओस	{	ir ur &c.	ir	g	is	ch	ir	j	is	t	ir	d	ir	n	ih	p	ir	b	ir	m	ir	y	í	r	ir	v	ih	ś	ih	s	ir	h
			ur	g	us	ch	ur	j	us	t	ur	d	ur	n	uh	p	ur	b	ur	m	ur	m	ur	y	ú	r	ur	v	uh	ś	uh	s
र, preceded by any vowel.	r	á r &c.	ś	r	ś	ch	r	j	s	t	r	d	r	n	h	p	r	b	r	m	r	y	r	l	r	v	ś	ś	h	s	r	h

* n is only doubled if preceded by a short vowel.

† A final n before j is very rarely written in the palatal form न्ज.

CHAPTER III.

ON SANSKRIT ROOTS, AND THE FORMATION OF NOMINAL BASES.

BEFORE treating of Sanskrit nouns, it will be advisable to point out in what respect the peculiar system adopted in their formation requires an arrangement of the subject different from that to which we are accustomed in other languages.

74. In Sanskrit nouns (including substantives, adjectives, pronouns, and numerals) there is this great peculiarity, that every one of them has two distinct states prior to the formation of the nominative case; viz. 1st, a root; 2dly, coming directly from the root, a state which is sometimes called *the crude form*; that is to say, a state antecedent to inflection, and anterior to any of the cases, even the nominative. This form of the noun is more properly termed *the nominal base*, or *the inflective base* of the noun; that is, the changed form of the root, which serves as the basis on which the system of cases is constructed. In the first place, then, let us inquire what is the root?

There are in Sanskrit about two thousand elementary sounds, out of which, as out of so many blocks, are carved and fashioned, not only all the nouns, but all the verbs which exist in the language.

a. Though the root may be compared to a rough block, or to the raw material, out of which nouns and verbs are constructed, yet the student must understand that in the dialect of the Vedas, and even in modern classical Sanskrit, roots are not unfrequently used by themselves as substantives and adjectives, and are very commonly so used at the end of compounds. See 84, 87, and 172.

b. Every one of these roots or primary sounds conveys some simple idea, which appears under different modifications in the derivatives from it. Thus—to mention a few of the most common—the root क्षिप् *kship* conveys the idea of ‘throwing;’ कृ *kṛi*, of ‘doing,’ ‘making;’ क्री *krī*, of ‘buying;’ हृ *hṛi*, of ‘seizing,’ ‘taking;’ युज् *yuj*, ‘joining;’ अस् *as*, वृत् *vṛit*, ‘being;’ भू *bhú*, ‘becoming;’ जीव् *jīv*, ‘living;’ नी *nī*, ‘leading;’ जि *ji*, ‘conquering;’ गम् *gam*, या *yá*, चर् *char*, क्रम् *kram*, इ.ि. मृ *sṛi*, स्कन्द *skand*, ‘going;’ वह् *vad*, वच् *vach*,

ब्रु *brú*, 'speaking;' बुध् *budh*, ज्ञा *jñá*, 'knowing;' दृश् *dríś*, 'seeing;' इष् *ish*, कम् *kam*, 'wishing;' मृ *mri*, 'dying;' दा *dá*, 'giving;' जन् *jan*, 'producing;' धा *dhá*, 'placing;' अद् *ad*, भुज् *bhuj*, भक्ष् *bhaksh*, 'eating;' पा *pá*, 'drinking;' पच् *pach*, 'cooking;' हन् *han*, 'killing;' पत *pat*, 'falling;' वस् *vas*, 'dwelling;' विश् *viś*, 'entering;' स्था *sthá*, 'standing;' श्रु *śru*, 'hearing;' स्पृश् *spriś*, 'touching;' सिध् *sidh*, माध् *sádh*, 'accomplishing;' कुप् *kup*, क्रुध् *krudh*, 'being angry;' चि *chi*, 'collecting;' ग्रा *ghrá*, 'smelling;' ख्या *khyá*, 'relating;' नश् *naś*, 'perishing;' त्यज् *tyaj*, रह् *rah*, 'quitting;' द्विष् *dwish*, 'hating;' निन्द् *nind*, 'blaming;' द्रु *dru*, 'running;' द्युत् *dyut*, दीप् *díp*, भा *bhá*, शुभ् *śubh*, 'shining;' पू *pú*, 'purifying;' प्रच्छ् *prachchh*, 'asking;' आप् *áp*, लभ् *labh*, 'obtaining;' स्तु *stu*, शंस् *śans*, 'praising;' यत् *yat*, 'striving;' यम् *yam*, 'restraining;' शक् *śak*, 'being able;' तप् *tap*, 'heating;' दह् *dah*, 'burning;' मुच् *much*, 'liberating;' मुह् *muh*, 'being foolish;' युध् *yudh*, 'fighting;' रुह् *ruh*, 'growing;' हस् *has*, 'laughing;' स्वप् *swap*, 'sleeping;' हृष् *hrish*, नन्द् *nand*, ह्लाद् *hlád*, 'being glad;' स्ना *sná*, 'bathing;' रभ् *rabh*, 'beginning;' स्वर *swar*, 'sounding;' सह् *sah*, वह् *vah*, 'bearing;' स्मृ *smri*, 'remembering;' अर्च् *arch*, 'honouring.'

c. Observe, that it will be convenient, in the following pages, to express the idea contained in the root by prefixing to it the infinitive sign *to*. But the student must not suppose that the sound *kship* denotes any thing more than the mere *idea* of 'throwing;' nor must he imagine that in deriving nouns from it, we are deriving them from the infinitive, or from any part of the verb, but rather from a simple original sound, which is the common source of both nouns and verbs.

75. A cursory glance at the above list of common roots will serve to shew that there are two particulars in which they all agree. Every one of them is monosyllabic, and every one of them contains a single vowel, and no more. In other respects they offer considerable diversity. Some consist of a single vowel only; some begin with one or two consonants, and end in a vowel, but none end in either अ *a* or औ *au*; some begin with a vowel, and end in one or two consonants*; and some begin and end with one or two

* Rule 43, which requires that if a word ends in a conjunct consonant, the last member shall be rejected, is not applicable to roots, unless they are used as complete words in a sentence. Nevertheless, in the case of roots ending in a consonant, preceded by a nasal, the latter is often euphonically dropped, as वन्च् becomes वध्.

consonants *, inclosing a medial vowel; so that a root may sometimes consist of only one letter, as इ *i*, 'to go;' and sometimes of five, as स्कन्द *skand*, 'to move;' प्रच्छ् *prachchh*, 'to ask.'

a. There are a few polysyllabic words recognised as roots, but they are generally the result of the accidental conjunction of a preposition with a monosyllabic root; that is to say, the preposition has been so constantly used in conjunction with the root, that it has at length come to be regarded as part of the root: thus in the roots सङ्ग्राम् *san-grám*, 'to fight,' and अवधीर् *avadhír*, 'to despise,' the prepositions सं *sam* and अव *ava* have combined with the root in this manner. A few other polysyllabic roots are the result of a reduplication of the radical syllable; (as, दरिद्रा *daridrâ*, 'to be poor;' जागृ *jágrî*, 'to be awake;' चक्रास् *chakás*, 'to shine;' वेवी *veví*, 'to go,' 'pervade;') and a few are derived from nouns; as, कुमार 'to play,' from कुमार *kumára*, 'a boy.'

b. Roots beginning with न *n* and स *s* are liable, according to 58 and 70, to be changed to ण *ṇ* and ष *sh*. Hence these roots are invariably exhibited in Native Grammars as beginning with ण and ष, because the Indian system requires that in exhibiting any general type of a class of words, that form should be taken which may occur even under the rarest circumstances. But in this Grammar, roots of which the initials are न *n* and स *s* will be exhibited as beginning with these letters, by reason of their more frequent occurrence.

c. Indian grammarians attach certain symbolical letters and syllables (called *anubandhas* or 'appendages') to particular roots to indicate peculiarities in their conjugation. Thus the letter इ *i*, placed after a root, marks the insertion of a nasal; as in the root *nid*, which could be written निदि *nidi*, to shew that in conjugation न् *n* is inserted (pres. *nindámi*, &c.). Similarly, इर् *ir* marks two forms of the 3d preterite; thus *śuchir* shews that *śuch* may make either *aśochisham* or *aśucham* in that tense. So also, औ *au* indicates a root which rejects the inserted *i* (see 391); ओ *o* marks the substitution of *na* for *ta* in the pass. participle; उ *u*, the optional insertion of *i* in the indeclinable participle; ऊ *ú*, the optional insertion of *i* in the two futures, &c.

76. The learner is recommended to study attentively the commonest of these roots, or elementary sounds, as given at 74. *b*. He may rest assured, that by pausing for a time at the root, his progress afterwards will be more rapid, when he ascends to the branches which spring from it. For it must never be forgotten, that every word in Sanskrit, whether substantive, adjective, verb, or adverb, stands in close filial relationship to some radical sound. In fact, every root is a common bond of union for a large family of words, which might otherwise appear unconnected; and words

* One root, ष्युत् *śchyut*, 'to drop,' begins with three consonants.

which, when viewed apart from the root, are isolated symbols, demanding a separate effort of memory for each separate idea which they express, fasten themselves readily on the mind when regarded as so many parts of one original idea, so many branches of a common stock.

Thus, to take any one of the foregoing roots—as, for example, *budh*, 'to know'—we shall find that from it may be drawn out with great regularity, 1st, a set of simple substantives; 2dly, of simple adjectives; 3dly, of simple verbs: thus, *bodha* or *bodhana*, 'knowledge;' *buddhi*, 'intellect;' *bodhaka*, 'an informer;' *baudha*, 'a Buddhist;' *budha*, 'wise;' *buddhimat*, 'intellectual;' and the following verbs, *bodhati*, 'he knows;' *budhyate*, 'it is known;' *bodhayati*, 'he informs;' *bubhutsate* or *bubodhishati*, 'he wishes to know;' *bobudhyate*, 'he knows well.' And the simple idea contained in the root may be endlessly extended by the prefixing of prepositions; as, *prabodha*, 'vigilance;' *prabudhyate*, 'he awakes.'

77. In the next place we are to inquire what is the base or crude form of the noun. The student should understand, at the outset, the meaning and use of this form. It is an intermediate state between the root and nominative case, the naked form of the noun, which serves as the basis on which to construct its eight cases, beginning with the nominative. In a Greek or Latin dictionary we look for the noun under the nominative case, but in Sanskrit we look for it under its crude state. Thus, *bodha*, *bodhana*, *tat*, *pañchan*, *bhavat*, are the crude bases under which the nominative cases *bodhas*, *bodhanam*, *sas*, *pañcha*, *bhaván*, are to be sought. And here it may be observed, that the base of a noun is no mere grammatical invention. It is, perhaps, more practically useful than the cases derived from it. It is that form of the noun which is always used in the formation of compound words, and in this respect may be regarded as the most general of cases. And since every Sanskrit sentence contains more compound words than simple, it may with truth be said, that the crude base is the form under which the noun most usually appears.

We may conceive it quite possible that Greek and Latin grammarians might have proceeded on a similar plan, and that they might have supposed a root *λεγ*, from which was drawn out the nouns *λέξις*, *λεξικός*, *λεκτός*, *καταλογή*, *ἔλλογος*, and the verbs *λέγω*, *καταλέγω*, *ἐλλογέω*: so also, a root *scrib*, from which was derived the nouns *scriptio*, *scriptum*, *scriptor*, *scriptura*; and the verbs *scribo*, *perscribo*, *ascribo*: or a root *nau*, from which would come *nauta*, *navis*, *nauticus*, *navalis*, *navigo*, &c. Again, they might have supposed a crude base to each of

these nouns, as well as a root; as, for instance, $\lambda\epsilon\xi\iota$ and $\lambda\epsilon\xi\iota\kappa\omicron$ of $\lambda\acute{\epsilon}\xi\iota\varsigma$ and $\lambda\epsilon\xi\iota\kappa\acute{\omicron}\varsigma$, and *navi* of *navis*; and they might have required the student to look for $\lambda\acute{\epsilon}\xi\iota\varsigma$ under $\lambda\epsilon\xi\iota$, $\lambda\acute{\epsilon}\gamma\omega$ under $\lambda\epsilon\gamma$, *navis* under *navi*, and *navigo* under *nau*. Further than this, they might have shewn that the base was the form used in the formation of compound words, as in $\lambda\epsilon\xi\iota\kappa\omicron\gamma\rho\acute{\alpha}\phi\omicron\varsigma$, *naviger*. But Greek and Latin are too uncertain in their construction to admit of such an analysis being completely carried out.

78. It will be perceived from the foregoing remarks that the consideration of Sanskrit nouns must divide itself into two heads: 1st, the formation of the base; 2dly, the inflection or declension of the base; that is, the adaptation of the base or modified root to a common scheme of case-terminations.

a. In fact, it will appear in the sequel, that the same system applies both to nouns and verbs. As in verbs (see 248) the formation of a verbal base from a root precedes the subject of verbal inflection or conjugation, so in nouns it is necessary to the clear elucidation of the subject that the method of forming the nominal base from the root should be explained antecedently to declension.

b. Indeed, it must be remembered that nouns, substantive and adjective, in Sanskrit are classified into separate declensions, according to the finals of their bases, not according to the finals of their cases; and it becomes essential to determine the form of the final syllable of the nominal base before the various declensions can be arranged.

79. The bases of nouns, substantive and adjective, are formed either by adding certain affixes to the root, the vowel of which is liable, at the same time, to be gunated or vriddhied (see 28. *a*); or by adding certain affixes to the bases of nouns already formed. When, however, the root itself is used as a noun, no affix is required, but the root is then also the base. Hence it follows that the final syllable of nominal bases will end in almost any letter of the alphabet. Those bases, however, that end in vowels may be conveniently separated under four classes, each class containing masc., fem., and neuter nouns; the 1st ending in अ *a*, आ *á*, and ई *í*; the 2d in इ *i*; the 3d in उ *u*; and the 4th in ए *ri*. Those that end in consonants may also be arranged under four classes; the 1st, 2d, and 3d, ending in ढ *t* or द *d*, न *n*, स *s*, respectively (compare 44); and the 4th comprising all other final consonants.

a. It will be afterwards shewn, that the first class of nouns, comprising bases in *a*, *á*, and *í*, is by far the most numerous and important. See 109.

Bearing in mind, therefore, that Sanskrit declension consists in building up a system of cases on a base, by attaching the case-terminations to that base—bearing in mind, moreover, that the whole distinction of declensions depends on the distribution of the bases of nouns under eight classes, according to their final syllables—we are now to explain more precisely, under each of these classes, the method of forming the nominal inflective base by regular derivation from the root.

Observe—It is not intended that the student should dwell long on the following pages printed in small type. He is recommended to read them over rapidly, and to note carefully the final letters of the base under each of the eight classes.

Observe, moreover, that although all the bases of Sanskrit nouns, without exception, are derived from roots, there are many in which the connection between the noun and its source, either in sense or form, is not very obvious*. The following rules have reference only to those bases whose formation proceeds on clear and intelligible principles.

FORMATION OF THE BASE OR CRUDE FORM OF NOUNS.

80. FIRST CLASS.—*Comprising Masculine and Neuter bases in अ a ;
Feminine in आ á and ई í.*

Formed by adding to roots—

I. अ a, forming, 1st (nom. -as), after Vriddhi of medial a of a root, and Guṇa of any other vowel, a large class of masculine substantives; as, from the root *div*, 'to sport,' *deva*, 'a deity.' If a root ends in *ch* or *j*, these letters are changed to *k* and *g* respectively; as, from *pach*, 'to cook,' *páka*, 'cooking;' from *yuj*, 'to join,' *yoga*, 'joining.' See 43. d.

II. आ a, forming, 2dly (nom. masc. -as, fem. -á, neut. -am), after Guṇa of a final, and sometimes Guṇa of a medial vowel, nouns of agency and adjectives; as, from *plu*, 'to swim,' *plava*, 'what swims;' from *srip*, 'to creep,' *sarpa*, 'what creeps.' See 580. Adjectives of this form generally occur at the end of compounds; as, *arin-dama*, 'foe-taming;' *bhayan-kara*, 'fear-causing.' Compare corresponding formations in Greek and Latin; as, *ἰππό-δαμος*, *veri-dicus*, *grandiloquus*, *omni-corus*, &c. When *मु* *ev* and *दुस्* *δus* are prefixed to these adjectives,

* Thus *purusha*, 'a man,' is said to come from *pur*, 'to precede;' *śrigála*, 'a jackal,' from *srij*, 'to create.'

they are susceptible of a passive sense, both in Sanskrit and Greek; as, सुकर 'easy to be done;' दुष्कर 'hard to be done,' &c. Similarly, εὐφορος, δύσφορος, δύστομος, &c.

III. अ a, forming, 3dly (nom. -as, -á, -am), adjectives; as, from śubh, 'to shine,' śubha, 'beautiful.' Sometimes there is great change of the root; as in śiva, 'propitious,' from शी śí, 'to sleep;' sundara, 'beautiful,' from दृ dri, 'to respect:' and sometimes the feminine may be formed in í; as, sundarí. There are very few adjectives formed with this affix.

IV. अक aka (nom. -akas, -aká or -iká, -akam), after Vṛiddhi of a final vowel or medial a, and Guṇa of any other vowel. Still more common than a to form adjectives and nouns of agency (see 582. b); as, from tap, 'to burn,' tápaka, 'inflammatory;' from कृि, 'to do,' káraka, 'a doer.' Observe, -aká is generally taken for the feminine of the adjectives, and -iká for the feminine of the agents; as, tápaká, káriká. Compare Greek forms like φύλακος.

V. अन ana (nom. -anam), after Guṇa of the root, forming, 1st, a large class of neuter substantives; as, from ní, 'to guide,' nayana, 'the eye,' 'guidance;' from dá, 'to give,' dána, 'a gift;' from dri, 'to make proud,' darpaṇa, 'a mirror.' Compare analogous Greek formations in ανο; as, ὄργανον, δρέπανον, &c.

अन ana, forming, 2dly (nom. -anas, -aná, -anam), nouns of agency (see 582. c) and adjectives; as, from nṛit, 'to dance,' nartana, 'a dancer;' from śubh, 'to shine,' śobhana, 'bright.' Compare Greek forms like ἱκανός, &c. The feminine of the agents is sometimes in -aní.

VI. न na. A few abstract nouns are formed with na; as, yajna, 'sacrifice,' from yaj; yatna, 'effort,' from yat; swapna, 'sleep,' from swap. Compare ὕπνος, somnus.

VII. त tra (nom. -tram), after Guṇa of the root; as, from pá, 'to drink,' pátra, 'a vessel;' from श्रु śru, 'to hear,' śrotra, 'the organ of hearing.' This affix is used to form neuter nouns denoting some instrument or organ, and corresponds to the Latin trum in aratrum, plectrum, &c.; and the Greek τρον, θρον in νίπτρον, βάκτρον, βάθρον, &c.

VIII. There are other uncommon affixes to roots to form adjectives and a few substantives in अ a (nom. -as, -á, -am); as, र ra, ल la, अल ala, अर ara, वर vara, मर mara, इल ila, इर ira, उर ura, उल ula, म ma, व va, त tra, आक áka, एर era, उक uka, उक úka, क ka. The following are examples of nouns formed with these affixes: dípra, 'shining' (compare Greek formations like λάμπ-ρος, &c.; and Latin pu-rus, &c.); chandra, 'the moon;' śukla, 'white;' chapala, 'fickle;' tarala, 'trembling' (compare Greek forms like τρόχ-αλος, τράπ-ελος; and Latin trem-ulus, &c.); vaṭara, 'unsteady' (compare Greek forms like φάνερος, &c.); jitwara, 'victorious;' ghashmara, 'voracious;' anila, 'wind;' pathila, 'a traveller' (compare Latin forms like agilis, &c.); chhidira, 'an axe;' bhidura, 'brittle;' harshula, 'a lover;' bhíma, 'terrible;' gharma, m., 'heat;' yugma, n., 'a pair;' dhúma, m., 'smoke' (compare forms like θύ-μος, άνεμ-ος, fumus, animus, &c.); aśwa, m., 'a horse' (equus); chitra, 'variegated;' jalpáka, 'talkative' (compare forms like loquacs, loquac, and φένακς for φένακος); patera, 'moving;' varshuka, 'rainy;'

jūgarūka, 'watchful' (added especially to frequentative or reduplicate forms; as, from *vūvad*, 'to speak often'; *vūvadūka*, 'loquacious'); *śushka*, 'dry' (from *śush*, 'to dry.' Compare Latin *siccus*).

Formed by adding to the bases of NOUNS—

IX. **त्व** *twa* (nom. *-tvan*), forming neuter abstract substantives from any noun in the language; as, from *purusha*, 'a man,' *purushatwa*, 'manliness.' In adding this affix to bases ending in nasals, the nasal is rejected; as, from *dhanin*, 'rich,' *dhanitwa*, 'the state of being rich.' (See 57.)

X. **य** *ya*, forming, 1st (nom. *-yam*), neuter abstract substantives and a few collectives, the first syllable of the noun taking Vṛiddhi; as, from **सुहृद्** *suhṛid*, 'a friend,' **सौहृद्य** *sauhṛidya*, 'friendship.' When the base ends in a vowel, this vowel is rejected before *ya* is affixed; as, from *vichitra*, 'various,' *vaichitrya*, 'variety.'

XI. **य** *ya*, forming, 2dly (nom. *-yas*, *-yá*, *-yam*), adjectives expressing some relationship to the noun; as, from *dhana*, 'wealth,' *dhanya*, 'wealthy.' Sometimes Vṛiddhi takes place; as, from *soma*, 'the moon,' *saumya*, 'lunar.' In this case the fem. is *-yí*. Compare Greek adjectives in *ιος*, and Latin in *ius*.

XII. **अ** *a* (nom. *-as*, *-á*, *-am*), after Vṛiddhi of the first syllable of the noun, forming innumerable adjectives expressing some relationship to the noun. When the base ends in *a*, no further affix is required, and the only change is the Vṛiddhi of the first syllable; as, from *purusha*, 'a man,' **पौरुष्य** *paurusha*, 'manly'; from *Vasishṭha*, *Vásishṭha*, 'a descendant of Vasishṭha.' When in *á* or *i*, this *á* or *i* must be rejected; as, from *sikatá*, 'sand,' *saikata*, 'sandy.' When in *u*, this *u* is gunated, and becomes *av* before this and the three following affixes; as, from *Vishṇu*, 'the god Vishṇu,' *Vaishṇava*, 'a worshipper of Vishṇu'; from *dáru*, 'wood,' *dárava*, 'wooden'; from *manu*, *mánava*, 'a descendant of Manu.' When the initial letter of a word is compounded with *v* or *y*, these latter are resolved into *uv* and *iy*, which are vriddhied; as, **सौवर** *sauvara*, 'relating to sound,' from *swara*, 'a note'; **वैयाघ्र** *vaiyághra*, 'relating to a tiger,' from *ryághra*, 'a tiger.' Observe—This applies to the two next affixes also.

Sometimes the neuter form of these adjectives is taken as an abstract substantive; thus, nominative case, *paurusham*, 'manliness'; *śáisavam*, 'childhood,' from *śíśu*, 'a child'; or, as a collective; thus, *kshaitram*, 'fields,' collectively, from *kshetra*. Observe—This applies to the two next affixes also.

XIII. **इक** *ika* (nom. *-ikas*, *-ikí*, *-ikam*), after Vṛiddhi of the first syllable of the noun, forming numerous adjectives. Before this affix is added, the final vowel of the base must be rejected; as, from *dharma*, 'religion,' *dhárnika*, 'religious'; from *venu*, 'a flute,' *vainarika*, 'a flute-player'; from **श्वस** *śwas*, 'to-morrow,' **शौवस्तिक** *śauvastika*, 'relating to to-morrow.' Compare Latin forms like *bellicus*, *nauticus*, &c.; and Greek *πολεμικός*, &c.

XIV. **एय** *eya* (nom. *-eyas*, *-eyí*, *-eyam*), after Vṛiddhi of the first syllable of the noun, forming many adjectives. The final vowel of the base must be rejected; as, from *purusha*, 'a man,' *paurusheya*, 'manly'; from *agni*, 'fire,' *ágneya*, 'fiery.' Compare forms like *λεόντειος*, *λεόντεος*; and Latin *igneus*, &c.

XV. ईय *īya* (nom. *-īyas, -īyá, -īyam*), without any change of the noun, except the rejection of final *a*; as, from *parvata*, 'a mountain,' *parvatīya*, 'mountainous.' Sometimes there is *Viddhi*; as, from *sukha*, 'pleasure,' *saukhīya*, 'pleasurable.' When the final of the base remains, *k* is prefixed to this and the last affix; as, from *para*, 'another,' *parakīya*, 'belonging to another.'

XVI. There are other uncommon affixes to nouns forming adjectives in अ *a* (nom. *-as, -á, -am*); such as *īna, ina, vala, tana*; forming, from *grāma*, 'a village,' *grāmiya*, 'rustic;' from *ratha*, 'a chariot' (Lat. *rota*), *rathina*, 'having a chariot;' from *śikhá*, 'a crest,' *śikhávala*, 'crested;' from *śwas*, 'to-morrow,' *śwastana*, 'future.' This last answers to the Latin *tinus*, and has reference to *time*. Compare *crastinus*, &c.

XVII. क *ka* (nom. *-kas, -ká, -kam*), added to words to form adjectives and collective nouns, or to express depreciation: thus, *madhuka*, 'sweet,' from *madhu*, 'honey;' *aśwaka*, 'a hack,' from *aśwa*, 'a horse.' It is often redundant.

XVIII. मय *maya* (nom. *-mayas, -mayí, -moyam*), added to words to denote 'made of,' 'full of;' as, from *loha*, 'iron,' *lohamaya*, 'made of iron;' from *tejas*, 'light,' *tejomaya*, 'full of light.'

XIX. तर *tara* (nom. *-taras, -tará, -taram*), तम *tama* (nom. *-tamas, -tamá, -taman*), इष्ट *ishṭa* (nom. *-ishṭas, -ishṭá, -ishṭam*), added to adjectives to express the degrees of comparison. See 191, 192.

XX. दग्ध *daghna* (nom. *-daghnas, -daghní, -daghnam*), द्वयस *dwayasa* (*-dwayasas, -dwayasí, -dwayasam*), and मात्र *mátra* (*-mátras, -matri, -mátram*), added to words to denote 'measure' or 'height;' as, *jánu-daghnám jalam*, 'water up to the knees.'

XXI. देशीय *deśīya* (nom. *-deśīyas, -deśīyá, -deśīyam*) and कल्प *kalpa* (nom. *-kalpas, -kalpá, -kalpan*), added to words to denote 'similitude,' but with some inferiority; as, *kavi-kalpa* or *kavi-deśīya*, 'a sort of poet;' or denoting 'nearly,' 'about;' as, *mṛita-kalpa*, 'nearly dead;' *vinśati-varsha-deśīya*, 'about twenty years of age.'

a. Observe—The affixes त *ta* and इत *ita* (nom. *-tas, -tá, -tam*), forming innumerable passive participles—as, *jita*, 'conquered,' from *ji*, 'to conquer,' &c.—fall under the first class of bases. See 530.

b. So also many other participles formed with *mána, ána, tavya, anīya, ya*, &c. See 526, 527, 568.

c. इत *ita* is said to be added to nouns to form adjectives; as, *phalita*, 'fruitful,' from *phala*, 'fruit;' but these may be regarded as passive participles from nominal verbs. See 551.

By adding to roots—

XXII. आ *á* (nom. *-á*), with no change of the root, forming feminine substantives; as, from *jív*, 'to live,' *jíva*, 'life;' from स्पृह *spṛih*, 'to desire,' स्पृहा *spṛihá*, 'desire.' Compare Greek formations like *φώρα, φύγη*; and Latin *fuga*, &c. Occasionally there is *Guṇa*; as in *lekhá*, 'a line,' from *likh*, 'to write;' *jará*, 'old age,' from *jri*, 'to grow old.' This affix is frequently added to the desiderative form of a root; as, from *pipás*, 'to desire to drink,' *pipásá*, 'thirst;' and rarely

to the frequentative or intensive; as, from *lolúy*, 'to cut much,' *lolúyá*, 'cutting much.'

A few abstract nouns are formed with **ना** *ná*; as, *trishná*, 'thirst,' from *trish*: compare Greek nouns in *νη*.

By adding to the bases of NOUNS—

XXIII. **ता** *tá* (nom. *-tá*), forming feminine abstract substantives; as, from *purusha*, 'a man,' *purushatá*, 'manliness.' This affix may be added to any noun in the language, and corresponds to the Latin *tas* in *celeritas*, &c.; and the Greek *της* in *κακότης*, *πλατύτης* (*पृथुता*).

Also forming collectives; as, **बन्धुता** 'a number of relations,' from **बन्धु** 'a relation.'

XXIV. **त्रा** *trá* (nom. *-trá*), forming a few substantives, derived from neuters in *tra* (see VII), and like them denoting 'the instrument' or 'means;' as, **दंष्ट्रा** 'a tooth,' 'the instrument of biting,' from *danś*, 'to bite;' **यात्रा** 'provisions,' 'the means of going,' from *yá*, 'to go.'

XXV. **ई** *í* (nom. *-í*), forming a large class of feminine substantives, usually derived from masculines in *a*, by changing *a* to *í*; as, from *nada*, 'a river,' fem. *nadí*; from *putra*, 'a son,' fem. *putrí*; from *nartaka*, 'a dancer,' fem. *nartakí*. An affix *ání* is used to denote 'the wife of;' as, from *Indra*, **इन्द्राणी** (58) 'the wife of Indra.' Compare the Greek *αινα* in *θέαινα*, &c.

XXVI. **ई** *í* (nom. *-í*), forming, 2dly, the feminine of nouns of agency, like **दातृ** *dátri*, 'a giver' (129. *b*), and **करिन्**, 'a doer' (160).

XXVII. **ई** *í* (nom. *-í*), forming, 3dly, the feminine of many adjectives; as of *tanu*, 'thin' (118. *a*), of *dhanavat*, 'rich,' and *dhímat*, 'wise' (140. *b*); of *dhanin*, 'rich' (160), and of comparative degrees like *balíyas* (167). Observe—The feminine of some adjectives formed with the affixes *a*, *ya*, *ika*, and *eya* (XI. XII. XIII. XIV), and of some adjectives like *sundara*, 'beautiful,' is also formed with *í*.

XXVIII. A few roots standing by themselves as substantives, or with prepositions prefixed, or at the end of compounds, may come under this class; as, **भ्री**, 'fear,' **अज्ञा**, 'an order,' from **ज्ञा** 'to know;' **सेनानी**, 'a general,' from **सेना**, 'an army,' and **नी**, 'to lead,' &c. It will be more convenient, however, to consider the declension of monosyllabic nouns in *í* under the 2d class. See 123.

81. SECOND CLASS.—Masculine, Feminine, and Neuter bases in **इ** *i*.

Formed by adding to roots—

I. **इ** *i*, forming, 1st (nom. *-is*), a few masculine substantives; as, **अग्नि**, 'fire,' from *an-k*, 'to mark;' **कवि**, 'a poet,' from *ku*, 'to sound;' **अहि**, 'a snake' (*ἄχις*, *anguis*), from *anh*, 'to move;' **ध्वनि**, 'sound,' from *dhwan*; **पेशि**, 'a thunderbolt,' from *peśh*, 'to crush,' &c. When this affix is added to the root *dhá*, 'to place,' 'to hold,' *á* is dropped, and various prepositions are prefixed; as in *sandhi*, *vidhi*, *nidhi*, &c.

Also a few feminine nouns; as, **कृषि**, 'ploughing,' from *kṛish*; **लिपि**, 'writing,' from *lip*, &c. Compare Greek forms like *χαρίς*, *ἐλπής*, *μῆνις* (**मन्वुस**).

II. **इ i**, forming, 2dly (nom. -i), one or two neuter substantives; as, from *vri*, 'to surround,' *vári*, 'water:' from *aksh*, 'to pervade,' *akshi*, 'an eye' (*oculus*, *ὄκος*).

III. **इ i**, forming, 3dly (nom. -is, -is, -i), a few adjectives; as, from *śuch*, 'to be pure,' *śuchi*, 'pure;' from *budh*, 'to know,' *bodhi*, 'wise.'

IV. **मि mi** (nom. -mis), forming a few nouns; as, *bhūmi*, f., 'the earth,' from *bhú*, 'to be' (*humus*); *raśmi*, m., 'a ray,' &c.

V. **ति ti** (nom. -tis), forming abstract substantives feminine. This affix bears a great analogy to the passive participle at 531. The same changes of the root are required before it as before this participle; and, in fact, provided the passive participle does not insert *i*, this substantive may always be formed from it, by changing *ta* into *ti*. But if *i* is inserted before *ta*, no such substantive can be formed*: thus, from *vach*, 'to speak,' *ukta*, 'spoken,' *ukti*, 'speech;' from *man*, 'to imagine,' *mata*, 'imagined,' *mati*, 'the mind;' from *dá*, 'to give,' *datta*, 'given,' *datti*, 'a gift.' And when *na* is substituted for *ta* of the passive participle, *ni* is substituted for *ti*; as, from *glai*, 'to be weary,' *glāna*, 'wearied,' *glāni*, 'weariness;' from *lú*, 'to cut,' *lāna*, 'cut,' *lāni*, 'cutting:' but not always; as, from **पृ** 'to fill,' *pūrṇa*, 'full,' *pūrṭti*, 'fulness.' This affix corresponds to the *tio* of the Latin, added in the same way to passive participles; as, *actus*, *actio*; *junctus*, *junctio* (*yuktis*). Greek exhibits analogous forms in *ζῆξις*, *πίστις*, *δόσις*.

A few masculine nouns are formed with *ti*; as, *yati*, 'a sage,' from *yam*, 'to restrain;' *jūāti*, 'a relation,' from *jūá*; *pati*, 'a husband' (for *pāti*), from *pá*.

Formed by adding to the bases of a few NOUNS ending in *a*—

VI. **इ i** (nom. -is), after Vṛiddhi of the first syllable, and after rejection of the final vowel. This affix forms a few patronymics; as, **दौष्यन्ति** *daushyanti*, 'the son of Dushyanta,' from **दुष्यन्त** *dushyanta*.

82. THIRD CLASS.—Masculine, Feminine, and Neuter bases in उ u.

Formed by adding to roots—

I. **उ u**, forming, 1st (nom. -us), substantives of the masculine, and one or two of the feminine gender; as, from *bandh*, 'to bind,' *bandhu*, m., 'a kinsman;' from *kri*, 'to do,' *káru*, m., 'an artificer;' from *bhid*, 'to cleave,' *bhidu*, m., 'a thunderbolt;' from *tan*, 'to stretch,' *tanu*, f., 'the body.'

II. **उ u**, forming, 2dly (nom. -u), one or two neuter substantives; as, *dáru*, 'wood,' from *drí*, 'to cleave' (*δῶρυ*); *madhu*, 'honey' (*μέθυ*), &c.

III. **उ u**, forming, 3dly (nom. -us, -us or *ví*, -u), sometimes with change of the root, a few adjectives; as, from *swad*, 'to taste,' *swádu*, 'sweet' (*ἡδύ*); from *tan*, 'to stretch,' *tanu*, 'thin' (compare *τανυ*); from *langh*, 'to spring,' *laghu*, 'light' (*ἐλαχύ*); from *prath*, 'to extend,' *prithu*, 'broad' (*πλατύ*). This affix is often added to desiderative roots to form adjectives; as, from *pipás*, 'to desire to drink,' *pipásu*, 'thirsty;' from **जिजीविष** 'to desire to live,' **जिजीविषु** 'desirous of living.'

* Nevertheless, **गृहीति** from **गृहीत** occurs, though not given in the Dictionary.

Latin has added an *i* to all adjectives formed with *u* in the cognate languages; as, *tenuis* from *tanus*; *gravis* (for *garvis*) from *gurus*. It has, however, substantives in *u*; as, *currus*, *acus*, &c.

IV. नु *nu* (nom. -*nus*, -*us*, -*nu*), forming adjectives and substantives; as, from *tras*, 'to fear,' *trasanu*, 'timid;' from *bhā*, 'to shine,' *bhānu*, m., 'the sun;' from *dhe*, 'to drink,' *dhenu*, f., 'a cow;' from *sū*, 'to bear,' *sūnu*, m., 'a son.' (Compare Greek forms like *λιγνύς*.)

V. इष्णु *ishqu* (nom. -*ishqus*, -*ishus*, -*ishqu*), with *Guṇa* of the root, forming adjectives; as, from *kshī*, 'to perish,' *kshayishqu*, 'perishing.'

VI. There are many other affixes to roots, forming nouns in *u* (nom. -*us*, -*us*, -*u*); as, रु *ru*, नु *nu*, आलु *ālu*, वु *vu*, आरु *āru*, इत् *itau*, तु *tu*, अथु *athu*, यु *yu*. The following nouns afford examples of these affixes: *bhīru*, 'timid;' *asru*, n., 'a tear' (for *dasru*, from *daś*, 'to bite,' compare *δάκρυ*, *lacryma*); *śayālu*, 'sleepy;' *sthānu*, 'firm;' *śarāru*, 'noxious;' *gadāyitnu*, 'loquacious;' *jantu*, m., 'an animal;' *gantu*, m., 'a traveller;' *repathu*, m., 'trembling;' *mauyu*, m., 'wrath' (*μῆνος*); and *mṛityu*, m. f., 'death.'

There are a few nouns in long *ū*, which may conveniently be placed under this class. They consist chiefly of roots standing by themselves as substantives, or at the end of compounds: thus, भू f. 'the earth,' स्वयम्भू m. 'the self-existent,' &c. See 125, a, 126. b.

83. FOURTH CLASS.—*Masculine, Feminine, and Neuter bases in ऋ ऌ*.

Formed by adding to roots—

I. तृ *tṛi*, forming, 1st (nom. -*tā*, -*trī*, -*tṛi*), nouns of agency of three genders, the same change of the root being required which takes place in the first future, and the same euphonic changes of *t* (see 386 and 581): thus, from *kship*, 'to throw,' *kshiptṛi*, 'a thrower;' from *dā*, 'to give,' *dātṛi*, 'a giver;' from बुध् 'to know,' बोद्धृ *boddhṛi*, 'a knower;' from सह् 'to bear,' सोढृ 'patient.' This corresponds to the Latin affix *tor*, and the Greek *τηρ*: compare *dator*, *δοτήρ*.

II. तृ *tṛi*, forming, 2dly (nom. -*tā*), nouns of relationship, masculine and feminine; as, *pitrī*, 'a father,' *mātrī*, 'a mother.'

84. FIFTH CLASS.—*Masculine, Feminine, and Neuter bases in त् t and द् d*.

Formed by adding to roots—

I. त् *t* (nom. -*t*, in all genders), if the root ends in a *short vowel*: forming nouns of agency, substantives and adjectives, of three genders; as, from *kṛi*, 'to do,' *kṛit*, 'a doer;' from *ji*, 'to conquer,' *jīt*, 'a conqueror.' This class of nouns are never used, except as the last member of a compound: thus, *karmakṛit*, 'a doer of work.'

Roots already ending in *t* or *d*, taken to form adjectives or nouns of agency, fall under this class; as, from *vid*, 'to know,' *dharmavid*, 'one who knows his duty:'

from अद् 'to eat,' क्रव्याद् 'an eater of flesh.' There are also a few nouns falling under this class, formed by prefixing prepositions to roots ending in *t* or *d* or a short vowel; as, from *vid*, 'to know,' संविद् f. 'an agreement;,' from द्युत् *dyut*, 'to shine,' *vidyut*, 'lightning;,' from *pad*, 'to go,' *sampad*, 'success.' So also, समित् 'battle,' from इ 'to go;,' उपनिषद् 'a theological work,' from सद् *sad*.

One or two roots ending in *t* or *d* may stand by themselves as substantives: thus, मुद् *mud*, f., 'joy;,' चित् *chit*, f., 'the mind.'

The practice of using roots at the end of compounds prevails also in Greek and Latin; as in $\chi\epsilon\rho\nu\mu\psi$ ($-\nu\mu\beta$), $\beta\epsilon\upsilon\text{-}\pi\lambda\acute{\eta}\xi$ ($-\pi\lambda\eta\gamma$), &c., *arti-fex* (*-fic*), *carni-fex* (*-fic*), *præ-ses* (*-sid*), &c. And there is a very remarkable agreement between Sanskrit and Latin in the practice of adding *t* to roots ending in short vowels: thus, *com-it* (*comes*), 'a goer with;,' *equ-it* (*equus*), 'a goer on horseback;,' *al-it* (*ales*), 'a goer with wings;,' *super-stit* (*superstes*), 'a stander by,' &c. Greek adds a similar *t* to roots with a long final vowel; as, $\acute{\alpha}\text{-}\gamma\omega\acute{\omega}\tau$, $\acute{\alpha}\text{-}\pi\tau\acute{\omega}\tau$, &c. (See Bopp's Comparative Grammar, Eastwick, 1293.)

II. इत् *it* (nom. *-it*, in all genders), after Guṇa of the root, forming a few substantives and adjectives; as, from सृ *sri*, 'to flow,' सरित् *sarit*, f., 'a stream;,' from ह 'to seize,' हरित् 'green,' 'Vishnu.'

III. There are a few other nouns in *t* and *d*, of uncertain derivation; as, मरुत् m. 'the wind,' शरद् f. 'autumn,' दृशद् f. 'a stone,' कुमुद् n. 'a lotus.'

By adding to the base of NOUNS—

I. वत् *vat* (nom. *-ván*, *-vatí*, *-vat*), if the base ends in *a* or *á**, forming innumerable adjectives; as, from *dhana*, 'wealth,' *dhanavat*, 'possessed of wealth.' This and the next affix are universally applicable, and are of the utmost utility to form adjectives of possession. Sometimes *vat* is added to bases in *s* and *t*; as in तेजस्वत् *tejaswat* (compare 69. *a*) and *vidyutwat* (see 45). Compare Greek forms in $\epsilon\iota\varsigma$, $\epsilon\upsilon\tau$; as, $\chi\alpha\rho\acute{\iota}\epsilon\iota\varsigma$, $\chi\alpha\rho\acute{\iota}\epsilon\upsilon\tau$, $\delta\alpha\kappa\rho\nu\acute{\omega}\epsilon\iota\varsigma$, $\delta\alpha\kappa\rho\nu\acute{\omega}\epsilon\upsilon\tau$, &c.

II. मत् *mat* (nom. *-máu*, *-matí*, *-mat*), if the base ends in *i*, *í*, or *u*, to form adjectives like the preceding; as, from *dhí*, 'wisdom,' *dhímat*, 'wise;,' from *anú*, 'a ray,' *anúmat*, 'radiant.'

85. SIXTH CLASS.—*Masculine, Feminine, and Neuter bases in अन् an and इन् in.*

Formed by adding to ROOTS—

I. अन् *au* (nom. *-á*), forming a few masculine nouns; as, *rájan*, 'a king,' from *ráj*, 'to be glorious;,' *takshan*, 'a carpenter,' from *taksh*, 'to cleave;,' *ukshan*, 'a bull' (compare English *oxen*), from *uksh*, 'to impregnate;,' *suehan*, 'a friend,' from *suih*, 'to love,' &c. Greek and Latin have similar formations in $\omega\upsilon$, $\omicron\upsilon$, $\eta\upsilon$, $\alpha\upsilon$, *ou* and *in*; as, $\tau\acute{\epsilon}\kappa\tau\omicron\upsilon$ = तक्षन् ($\tau\acute{\epsilon}\kappa\tau\omega\upsilon$), $\epsilon\acute{\iota}\kappa\acute{\omicron}\nu$ ($-\kappa\omega\upsilon$), *homin* (*homo*), &c.

* *Vat* is not often found added to feminine bases. It occurs, however, occasionally; as, कान्नायत् 'having a wife,' शिखायत् 'crested.'

II. मन् *man* (nom. *-ma*), after Guṇa of the root, forming neuter substantives; as, from *kṛi*, 'to do,' *karman*, 'a deed.' This affix corresponds to the Latin *men*, in *regimen*, *agmen*, *stamen*, &c.; and to the Greek *μων*, in *μνήμων*, *τλήμων*, &c.: but adjectives in *man*, like शर्मन् 'prosperous,' are very rare in Sanskrit. A few nouns in *man* are masculine; as, *átman*, 'soul' (nom. *-má*); उष्मन् 'the hot season;' शुष्मन् 'fire;' पाप्मन् 'sin;' सीमन् 'a border;' वेमन् 'a loom.'

III. वन् *van* (nom. *-vá, -vā, -va*), forming a few substantives and adjectives; as, दृश्यन् 'seeing,' 'a looker,' from *dṛśi*, 'to see.'

By adding to roots or to the base of NOUNS—

IV. इमन् *iman* (nom. *-imá*), forming masculine abstract substantives. If the noun ends in *a* or *u*, these vowels are rejected; as, from *kála*, 'black,' *káliman*, 'blackness;' from *laghu*, 'light,' *laghiman*, 'lightness;' from *mṛidu*, 'soft,' *mṛadiman*, &c. If it ends in a consonant, this consonant, with its preceding vowel, is rejected; as, from *mahot*, 'great,' *mahiman*, 'greatness.' A medial *ṛi* before a simple consonant is changed to *ra*, but not before a double consonant; as, from कृष्ण 'black,' कृष्णामन् 'blackness.' A final *ṛi* is gunated; as, *sariman* from *sṛi*; *stariman* from *stṛi* (compare *stramen*); *hariman*, 'time,' from *hṛi*, &c. *Iman* is generally added to *adjectives*, and the same changes take place before it, that take place before the affixes *íyas* and *ishṭha* (see 192): thus, *gariman*, *preman*, *drághiman*, *bhúman*, *prathiman*, &c.

By adding to ROOTS—

V. इन् *in* (nom. *-í, -imí, -i*), after Vṛiddhi of a final vowel and medial *a*, and Guṇa of any other medial vowel, forming nouns of agency of three genders (see 582. *b*); as, from *kṛi*, 'to do,' *kárin*, 'a doer.' Compare Greek and Latin formations in *ov* and *on*; as, *τέκτων* (*-κτων*), *edon* (*edo*), &c.

By adding to the base of NOUNS—

VI. इन् *in* (nom. *-í, -imí, -i*), forming innumerable adjectives of possession. The final of a base is rejected before this affix; as, from *dhana*, 'wealth,' *dhanin*, 'wealthy;' from *málá*, 'a garland,' *málin*, 'garlanded;' from *vṛihi*, 'rice,' *vṛihin*, 'having rice.' Compare Greek and Latin formations in *ων* and *ον*; as, *γνάθ-ων*, 'having cheeks;' *nason* (*naso*), 'having a nose.'

VII. विन् *vin* (nom. *-vī, -viní, -vi*), if the base ends in *á* or *as*, forming a few adjectives; as, from *medhá*, 'intellect,' *medhávin*, 'intellectual;' from *tejas*, 'splendour,' *tejasvin*, 'splendid.' Compare 69. *a*.

86. SEVENTH CLASS.—Masculine, Feminine, and Neuter bases in अस् as, इस् is, and उस् us.

Formed by adding to ROOTS—

I. अस् *as* (nom. *-as*), after Guṇa, forming a great many neuter substantives; as, from *man*, 'to think,' *manas*, 'the mind;' from *sṛi*, 'to go,' *saras*, 'water.' It also forms one or two masculine and feminine nouns; as, *vedhas*, m., 'Brahmá;'

chandramas, m., 'the moon;' *apsaras*, f., 'a nymph;' *ushas*, f., 'the dawn,' from *ush*, 'to glow:' but in these the nominative is long (-*ás*).

II. इस् *is* or उस् *us* (nom. -*is*, -*us*). In place of *as*, the neuter affixes *is* or *us* are occasionally added; as, from *hu*, 'to offer,' *havis*, 'ghee;' from *chaksh*, 'to speak,' *chakshus*, 'the eye.' See 68. *a*. With *as* compare the Latin *es* in *nubes* (नभस् *nabhas*), *sedes* (सदस् *sadas*), &c.; but especially the *us* and *ur* of words like *genus*, *scelus*, *robur*. Compare also the Greek formations *πάθ-ος*, *ἔδ-ος*, *μῆν-ος*, *ψεῦδ-ος*, &c.

87. EIGHTH CLASS.—*Masculine, Feminine, and Neuter bases in any Consonant, except त् t and द् d, न् n, स् s.*

Formed by using roots as adjectives, substantives, or nouns of agency—

Any root may be used to form an adjective or a noun of agency, provided it be the last member of a compound word: thus, from शक् 'to be able,' *sarvasāk*, 'omnipotent.' Those roots which end in *t* or *d*, or in a short vowel, having *t* affixed, have been already noticed as falling under the fifth class. This eighth class is intended to comprise all other roots, ending in *any consonant*; as, भुज् *bhuj* (nom. *bhuk*); राज् *rāj* (nom. राट्); प्राञ्ज् (nom. प्राट्); बुध् (nom. भुत्); पुर् (nom. पूस्); गिर् (nom. गीस्); दिव् (nom. *dyaus*); स्पृग् (nom. *sprīk*); विश् (nom. विट्); लिह् (nom. लिट्); दुह् (nom. धुक्); पिपिञ्ज् (nom. *pipak*). There are also one or two other nouns derived from roots falling under this class; as, तृष्याञ् 'thirsty' (nom. तृष्याक्); ऋत्विञ् 'a priest' (nom. ऋत्विक्); अमृञ् n. 'blood' (nom. अमृक्); and a few substantives formed by prefixing prepositions to roots; as, समिध् f. 'fuel' (nom. समिद्), from the root इन्ध् 'to kindle' (see 43 and 75, with note).

A few roots standing by themselves as substantives may fall under this class: thus, युध् f. 'battle' (nom. युत्); द्युध् f. 'hunger' (nom. द्युत्); वाच् f. 'speech' (nom. वाक्), from *vach*, 'to speak,' the medial *a* being lengthened. Greek and Latin use a few monosyllabic roots in the same manner; as, ὄψ (*óps*), φλόξ (*phlóx*), &c.; and Latin *vox* (*voc*), *lex* (*leg*), *dux* (*duc*).

CHAPTER IV.

DECLENSION; OR INFLECTION OF THE BASE OF NOUNS, SUBSTANTIVE AND ADJECTIVE.

GENERAL OBSERVATIONS.

88. HAVING explained how the base of nouns is generally formed, we have now to shew how it is inflected.

As, in the last chapter, nouns, substantive and adjective, were arranged under eight classes, according to the final of their bases

(the first four classes comprising those ending in vowels, the last four those ending in consonants), so it will be the object of the present chapter to exhibit their declension or inflection under the same eight classes. Moreover, as every class comprised adjectives as well as substantives, so it is intended that the declension of a masculine, feminine, and neuter substantive, exhibited under each, shall serve as the model for the declension of masculine, feminine, and neuter adjectives coming under the same class.

89. The learner will have already gathered that the noun has three genders, and that the gender is, in many cases, determinable from the termination of the base. Thus, all bases in *á*, *í*, and those formed with the affix *ti* (No. 81. V), are feminine: nearly all nouns whose crudes end in *ana*, *twa*, *ya*, *tra* (see under 80), *as*, *is*, *us* (86), and *man* (85. II), are neuter; all in *iman* (85. IV) are masculine; but those in *a*, *i*, *u*, and *ri*, are not reducible to rule. The nominative case is, however, in the first of these instances a guide to the gender; as, *devas*, ‘a deity,’ is masculine; but *dánam*, ‘a gift,’ neuter. And in other cases the meaning of the word; as, *pitrí*, ‘a father,’ is masculine; and *mátri*, ‘a mother,’ feminine.

90. In Sanskrit, all the relations between the words in a sentence are expressed by inflections. A great many prepositions exist in the language, but they are rarely used alone in government with any case, their chief use being as prefixes to verbs and nouns. The dearth of such useful syntactical auxiliaries leads to the necessity for eight cases, which are regularly built upon the base. These are called, 1. nominative; 2. accusative; 3. instrumental; 4. dative; 5. ablative; 6. genitive; 7. locative; 8. vocative*. Of these, the third and seventh are new to the classical student. The *instrumental* denotes generally the instrument by which a thing is done; as, *tena kṛitam*, ‘done by him.’ The *locative* generally refers to the place or time in which any thing is done; as, *Ayodhyáyám*, ‘in Ayodhyá;’ *púrvakále*, ‘in former time;’ *bhúmau*, ‘on the ground †.’ Hence it follows that the *ablative* is restricted to the sense *from*,

* These cases will sometimes be denoted by their initial letters. Thus N. will denote nominative; I., instrumental.

† Both these cases are used to denote various other relations. See the Chapter on Syntax.

and cannot be used, as in Latin and Greek, to express *by, with, in, at, on, &c.*

91. According to the Indian system of teaching, each of these eight cases has three numbers, singular, dual, and plural; and to each belongs a termination which is considered to be peculiarly its own, serving alike for masculine, feminine, and neuter nouns. Again, according to the native system, some of the terminations may be combined with memorial letters to aid pronunciation or assist the memory. Thus the proper termination of the nominative singular is *स् s* (expressible by Visarga before *k, p,* and the sibilants, or at the end of a sentence, see 63); but the memorial termination is *सु su*, the letter *u* being only memorial. Similarly, the termination of the nominative plural is *जस् jas*, the *j* being memorial. The two schemes of termination, with and without the memorial letters, are here exhibited. The first is given in small type, as being of no importance excepting as subservient to the second.

Terminations with memorial letters.

	SING.	DUAL.	PLURAL.
Nom.	सु <i>su</i>	औ <i>au</i>	जस् <i>jas</i>
Acc.	अं <i>am</i>	औट् <i>aut</i>	जस् <i>śas</i>
Inst.	टा <i>ṭá</i>	भ्यां <i>bhyám</i>	भिस् <i>bhis</i>
Dat.	डे <i>n.e</i>	भ्यां <i>bhyám</i>	भ्यस् <i>bhyas</i>
Abl.	डसि <i>n-asi</i>	भ्यां <i>bhyám</i>	भ्यस् <i>bhyas</i>
Gen.	डस् <i>n-as</i>	ओस् <i>os</i>	आं <i>ám</i>
Loc.	डि <i>n-i</i>	ओस् <i>os</i>	सुप् <i>sup</i>

Terminations without memorial letters.

	SING.	DUAL.	PLURAL.
Nom.	स् <i>s</i>	औ <i>au</i>	जस् <i>as</i>
Acc.	अं <i>am</i>	— <i>au</i>	— <i>as</i>
Inst.	आ <i>á</i>	भ्यां <i>bhyám</i>	भिस् <i>bhis</i>
Dat.	ए <i>e</i>	— <i>bhyám</i>	भ्यस् <i>bhyas</i>
Abl.	जस् <i>as</i>	— <i>bhyám</i>	— <i>bhyas</i>
Gen.	— <i>as</i>	ओस् <i>os</i>	आं <i>ám</i>
Loc.	इ <i>i</i>	— <i>os</i>	सु <i>su</i>

92. Observe—The vocative is not given in the above general scheme, as it is held to be only another aspect of the nominative, and always coincides with the nom. in the dual and plural. In the singular it is often identical with the base, and has no termination.

a. Observe also—The terminations beginning with vowels will often be called *vowel-terminations*; those beginning with consonants, including the nom. sing., will be called *consonantal-terminations*.

Similarly, those cases which take the vowel-terminations will sometimes be called *vowel-cases*; and those which take the consonantal, *consonantal-cases*.

93. Having propounded the above scheme, which for convenience will be called *the memorial scheme of terminations*, as the general type of the several case-affixes in the three numbers, Indian grammarians proceed to adapt them to every noun, substantive and adjective, in the language, as well as to pronouns, numerals, and participles, whether masculine, feminine, or neuter. In fact, their theory is, that there is but one declension in Sanskrit, and that the base of a noun being given, and the regular case-terminations being given, the base is to be joined to those terminations according to the usual rules for the combination of final and initial letters, as in the following examples of the two bases, नौ *nau*, f., ‘a ship’ (*navi*, *vav*), and हरित् *harit*, m. f., ‘green.’

94.

	SINGULAR.	DUAL.	PLURAL.
Nom. voc.	नौस् <i>nāus</i> <i>nau + s</i>	नावौ <i>nāvau</i> <i>nau + au</i> . See 37.	नावस् <i>nāvas</i> <i>nau + as</i> . 37.
Acc.	नावं <i>nāvam</i> <i>nau + am</i> . 37.	— <i>nāvau</i>	— <i>nāvas</i>
Inst.	नावा <i>nāvā</i> <i>nau + ā</i> . 37.	नौभ्यां <i>naubhyām</i> <i>nau + bhyām</i>	नौभिस् <i>naubhis</i> <i>nau + bhis</i>
Dat.	नावे <i>nāve</i> <i>nau + e</i> . 37.	— <i>naubhyām</i>	नौभ्यस् <i>naubhyas</i> <i>nau + bhyas</i>
Abl.	नावस् <i>nāvas</i> <i>nau + as</i> . 37.	— <i>naubhyām</i>	— <i>naubhyas</i>
Gen.	नावस् <i>nāvas</i> <i>nau + as</i> . 37.	नावोस् <i>nāvos</i> <i>nau + os</i> . 37.	नावां <i>nāvām</i> <i>nau + am</i> . 37.
Loc.	नावि <i>nāvi</i> <i>nau + i</i> . 37.	— <i>nāvos</i>	नौषु <i>naushu</i> <i>nau + su</i> . 70.

95.

	SINGULAR.	DUAL.	PLURAL.
Nom. voc.	हरित् <i>harit</i> <i>harit + s.</i> See 43. a.	हरितौ <i>haritau</i> <i>harit + au.</i> 41. b.	हरितम् <i>haritas</i> <i>harit + as.</i> 41. b.
Acc.	हरितं <i>haritam</i> <i>harit + am.</i> 41. b.	— <i>haritau</i>	— <i>haritas</i>
Inst.	हरिता <i>haritá</i> <i>harit + á.</i> 41. b.	हरिभ्यां <i>haridbhyám</i> <i>harit + bhyám.</i> 41.	हरिभिस् <i>haridbhis</i> <i>harit + bhis.</i> 41.
Dat.	हरिते <i>harite</i> <i>harit + e.</i> 41. b.	— <i>haridbhyám</i>	हरिभ्यस् <i>haridbhyas</i> <i>harit + bhyas.</i> 41.
Abl.	हरितस् <i>haritas</i> <i>harit + as.</i> 41. b.	— <i>haridbhyám</i>	— <i>haridbhyas</i>
Gen.	— <i>haritas</i>	हरितोस् <i>haritos</i> <i>harit + os.</i> 41. b.	हरितां <i>haritám</i> <i>harit + ám.</i> 41. b.
Loc.	हरिति <i>hariti</i> <i>harit + i.</i> 41. b.	— <i>haritos</i>	हरित्सु <i>haritsu</i> <i>harit + su.</i> 40.

96. Unfortunately, however, it happens, that of nouns whose bases end in vowels, नौ *nau*, 'a ship,' is nearly the only one that admits of this regular junction of the base with the case-endings; and, although nouns whose bases end in consonants are numerous, and are generally declined as regularly as *harit*, yet they are numerically insignificant, compared with nouns in *a*, *á*, *i*, *í*, *u*, and *ri*, whose declension requires frequent changes in the final of the base, and various modifications, or even substitutions, in the terminations.

97. Thus in the first class of nouns ending in *a* (which will be found to comprise more nouns than all the other seven classes together; compare 80 with 81—87), not only is the final *a* of the base liable to be lengthened and changed to *e*, but also the termination *ina* is substituted for *á*, the proper termination of the instrumental sing. masc.; *ya* for *e* of the dative; *t* for *as* of the ablative; *sya* for *as* of the genitive; *n* for *as* of the accus. plural; *ais* for *bhis* of the instrum. plural. And in many other nouns particular changes and substitutions are required, some of which are determined by the gender.

The annexed table exhibits synoptically the terminations, with the most usual substitutions, throughout all the classes of nouns. Those substitutions marked * are mostly restricted to nouns ending in *a*, and are therefore especially noticeable.

	SINGULAR.	DUAL.	PLURAL.
N.	म् (m. f.), म्* (n.)	औ (m. f.), ई (n.)	अम् (m. f.), इ (n.)
Ac.	अं (m. f.), अ* (m. f. n.)	औ (m. f.), ई (n.)	अस्, म् (m. f.), त्* (m.), इ (n.)
I.	आ (m. f. n.), इन* (m. n.)	भ्यां (m. f. n.)	भिम (m. f. n.), ऐस* (m. n.)
D.	ए (m. f. n.), य* (m. n.)	भ्यां (m. f. n.)	भ्यस् (m. f. n.)
Ab.	अस् (m. f. n.), स् (m. f.), ढ* (m. n.)	भ्यां (m. f. n.)	भ्यस् (m. f. n.)
G.	अस् (m. f. n.), स् (m. f.), स्य* (m. n.)	ओस् (m. f. n.)	आं (m. f. n.)
L.	इ (m. f. n.), ई* (f.)	ओस् (m. f. n.)	सु (m. f. n.)

a. Comparing the above terminations with those of Latin and Greek, we may remark that *s* enters into the nom. sing. masc., and *m* or *n* into the neuter, in all three languages. In regard to the Sanskrit dual *au*, the original termination was *á*, as found in the Vedas; and *á* equals the Greek *α*, *ω*, and *ε*. In nom. pl. masc. the *s* appears in many Latin and Greek words. In acc. sing., Sanskrit agrees with Latin, and frequently with Greek, as the Sanskrit *m* may be euphonicly changed to *n* (*ν*), if influenced by a dental following (see note to page 18). In the acc. pl. *s* appears in all three languages; and when the Sanskrit ends in *n*, as in the first class of nouns, this *n* is probably for *ns*, since a preceding *a* is lengthened to compensate for the rejection of *s*. In inst. pl. *bhis* is preserved in the Latin *nobis*, *robis*, and the Greek $\phi\iota(\nu)$ for $\phi\iota\varsigma$ ($\nu\alpha\tilde{\nu}-\phi\iota\nu = \nu aubhis$). The *ais* which belongs to Sanskrit nouns in *a* is probably a contraction of *ábhīs*, since in the Vedas *áswebhis* for *áswábhīs* is found for *áswais*, and *ṛīkebhis* for *ṛīkais*. The dat. pl. *bhyas* answers to the Latin *bus*. In the gen. sing. all three languages have preserved the *s* (*návas*, *naris*, $\nu\alpha\phi\omicron\varsigma$ for $\nu\eta\acute{\omicron}\varsigma$); and in the gen. pl. *ám* is equivalent to the Greek $\omega\nu$, and the Latin *um* (पदां = $\pi\omicron\delta\tilde{\omega}\nu$, *pedum*). In loc. sing. the Sanskrit *i* is preserved in the dative of Greek and Latin words (निग्नि = $\nu\kappa\tau\acute{\iota}$ —Compare the expression $\tau\tilde{\eta}\ \alpha\tilde{\nu}\tau\tilde{\eta}\ \nu\kappa\tau\acute{\iota}$ —*नावि* = *navi*). In loc. pl. *su* answers to the Greek $\sigma\iota$ (नौषु = $\nu\alpha\nu\sigma\acute{\iota}$). Sanskrit bases in *a* prefix *i* to *su*; so that *ṛīkaishu* (29. b) = $\lambda\upsilon\kappa\omicron\acute{\iota}\sigma\iota$. The voc. sing. in Greek is generally identical with the base, and the voc. dual and pl. with the nom., as in Sanskrit: thus $\lambda\acute{\omicron}\gamma\epsilon$ is the voc. sing. of $\lambda\acute{\omicron}\gamma\omicron\varsigma$, $\tau\rho\acute{\iota}\eta\rho\epsilon\varsigma$ of $\tau\rho\acute{\iota}\eta\rho\eta\varsigma$, $\chi\alpha\rho\acute{\iota}\epsilon\nu$ of $\chi\alpha\rho\acute{\iota}\epsilon\iota\varsigma$, $\beta\alpha\sigma\iota\lambda\epsilon\tilde{\nu}$ of $\beta\alpha\sigma\iota\lambda\epsilon\tilde{\upsilon}\varsigma$, &c. See Bopp's Comparative Grammar, Eastwick, *passim*.

98. In the following pages no attempt will be made to bring back all nouns to the general scheme of terminations by a detailed explanation of changes and substitutions in every case. But under every one of the eight classes a model noun for the masculine, feminine, and neuter, serving for adjectives as well as substantives,

will be declined at full; and under every case of every noun the method of joining the final letter of the base with the proper terminations will be indicated in English letters.

99. The student must, however, understand, that the division into eight classes, which here follows, is not meant to imply the existence of eight separate declensions in the sense understood by the classical scholar, but is rather intended to shew, that the final letters of the inflective bases of nouns may be arranged under four general heads for vowels, and four for consonants; and that all Sanskrit nouns, whatever may be the final of their bases, are capable of adaptation to one common scheme of nearly similar case-terminations.

a. In the same manner it will appear in the sequel, that the ten classes into which verbs are divided do not imply ten different conjugations, but rather ten different ways of adapting the bases of verbs to one common scheme of tense-terminations. There is no reason why the same system of generalisation should not have been carried out in Latin and Greek, had the inflection of nouns and verbs in these languages been built upon roots and crude bases.

100. The classical scholar may, if he please, satisfy his own ideas of declension, by regarding masculine and neuter nouns in *a*, like *śiva* of the first class, as his 1st declension; feminine nouns in *á* and *í*, like *śivá* and *nadí* of the first class, as his 2d declension; masculine and feminine nouns in *i* and *u*, like *kavi*, *matí*, *bhānu*, and *dhenu*, of the second and third classes, as his 3d declension; and all the remaining nouns, including the neuters of those in *i* and *u*, and all those contained in the last five classes, as his 4th declension. These four declensions may be traced in regular order in the following pages, and will be denoted by the capital letters A at 103; B at 105; C at 110; D at 114.

101. Observe, that in declining the model nouns, under every inflection, the crude base with the sign +, and after it the termination, will be exhibited in English letters. Moreover, the number of the rule of Sandhi which must come into operation in joining the final of the base with the initial of the termination will generally be indicated. For it is most important to remember, that the formation of every case in a Sanskrit noun supposes the application of a rule of Sandhi or ‘junction;’ and that the very meaning of *declension* is the junction of the final syllable of the crude base with the terminations.

102. Not unfrequently, however, in some of the cases, the original final of the base is changed to its Guṇa or Vṛiddhi equivalent (see 27), or to some other

letter (see 43. *b. c. d. e*), before the termination is affixed; and not unfrequently the original termination of the scheme is changed for some other termination, as indicated at 97.

In order, therefore, that the student, without forgetting the original final of the crude base, or the original termination of the memorial scheme, may at the same time observe, 1st, whether in any particular instances the final of the base undergoes any or what modification—2dly, whether the original termination suffers any change—it will be desirable that, whenever in exceptional cases the final vowel of the base is to be gunated or vriddhied, or otherwise changed, this changed form of the base be exhibited in place of the original form: thus, at 103, under the genitive dual *śivayos*, *śive + os* denotes, that before the base *śiva* is joined to the termination *os*, the final letter *a* is to be changed to *e*; and the number indicates the rule of Sandhi which must come into operation in joining *śive* and *os* together. Similarly, whenever the original termination has to be modified, it will be desirable that the termination be exhibited in its altered form: thus, at 103, under the accus. sing., *śiva + m* denotes, that the base is to be joined with *m*, substituted for the original termination *am*. See the table, page 58.

SECTION I.

DECLENSION OF NOUNS, SUBSTANTIVE AND ADJECTIVE, WHOSE BASES END IN VOWELS, OR OF THE FIRST FOUR CLASSES OF NOUNS.

FIRST CLASS OF NOUNS DECLINED.

Masculine and neuter bases in ञ a; feminine bases in ञा á and ई í.

Note, that this class comprises by far the greater number of nouns, substantive and adjective, in the language. It answers to a common class of Latin and Greek words in *us* and *ος*, *um* and *ου*, *a* and *α*; such as *lupus*, *λύκος* (= Sans. *vrikas*, nom. of *vrika*); *donum*, *δῶρον*; *terra*, *χώρα* (= *धरा*); and to adjectives like *bonus*, *ἀγαθός*, &c.

103. (A) Masculine bases in *a*, declined like शिव *śiva*, m., ‘the god Śiva,’ or as an adjective, ‘prosperous.’

The final of the base is lengthened in D. Ab. sing., I. D. Ab. du., G. pl.; and changed to *e* in G. L. du., D. Ab. L. pl.: *n* is euphonically affixed to the final in G. pl.

N.	{ शिवन् <i>śivas</i> <i>śiva + s</i>	शिवौ <i>śivau</i> <i>śiva + au</i> . See 33.	शिवाम् <i>śivám</i> <i>śiva + as</i> . See 31.
Ac.	{ शिवं <i>śivam</i> <i>śiva + m</i>	— <i>śivau</i>	शिवान् <i>śiván</i> <i>śivá + n</i> . 31.
I.	{ शिवेन <i>śivena</i> <i>śiva + ina</i> . 32.	शिवभ्यां <i>śivábhyám</i> <i>śivá + bhyám</i>	शिवैस् <i>śivais</i> <i>śiva + ais</i> . 33.

D.	{ शिवाय <i>śivāya</i> <i>śivā+ya</i>	शिवाभ्यां <i>śivābhyām</i> <i>śivā+bhyām</i>	शिवेभ्यस् <i>śivebhyas</i> <i>śive+bhyas</i>
Ab.	{ शिवत् <i>śivāt</i> <i>śivā+t.</i> 31.	— <i>śivābhyām</i>	— <i>śivebhyas</i>
G.	{ शिवस्य <i>śivasya</i> <i>śiva+sya</i>	शिवयोस् <i>śivayos</i> <i>śive+os.</i> 36.	शिवानां <i>śivānām</i> <i>śivān+ām</i>
L.	{ शिवे <i>śive</i> <i>śiva+i.</i> 32.	— <i>śivayos</i>	शिवेषु <i>śiveshu</i> <i>śive+su.</i> 70.
V.	{ शिव <i>śiva</i> <i>śiva (s dropped).</i> 92.	शिवौ <i>śivau</i> <i>śiva+au.</i> 33.	शिवाम् <i>śivās</i> <i>śiva+as.</i> 31.

104. Neuter bases in *a*, declined like शिव *śiva*, n., 'prosperous.'

The final of the base is lengthened and assumes *n* in N. Ac. V. pl.

N. Ac.	{ शिवं <i>śivam</i> <i>śiva+m.</i> 97.	शिवे <i>śive</i> <i>śiva+i.</i> 32.	शिवानि <i>śivāni</i> <i>śivān+i</i>
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The vocative is शिव *śiva*, शिवे *śive*, शिवानि *śivāni*; all the other cases are like the masculine.

105. (B) Feminine bases in *ā*, declined like शिवा *śivā*, f., 'the wife of Śiva,' or as an adjective, 'prosperous.'

The final of the base is changed to *e* before I. sing., N. G. L. V. du.; and to *āyā* before D. Ab. G. L. sing.; and assumes *n* in G. pl.

N.	{ शिवा <i>śivā</i> <i>śivā (s rejected)</i>	शिवे <i>śive</i> <i>śive (au rejected)</i>	शिवाम् <i>śivās</i> <i>śivā+as.</i> 31.
Ac.	{ शिवां <i>śivām</i> <i>śivā+am.</i> 31.	— <i>śive</i>	— <i>śivās</i>
I.	{ शिवया <i>śivayā</i> <i>śive+ā.</i> 36.	शिवाभ्यां <i>śivābhyām</i> <i>śivā+bhyām</i>	शिवाभिस् <i>śivābhis</i> <i>śivā+bhis</i>
D.	{ शिवायै <i>śivāyai</i> <i>śivāyā+e.</i> 33.	— <i>śivābhyām</i>	शिवाभ्यस् <i>śivābhyas</i> <i>śivā+bhyas</i>
Ab.	{ शिवायाम् <i>śivāyās</i> <i>śivāyā+s.</i> 31.	— <i>śivābhyām</i>	— <i>śivābhyas</i>
G.	{ — <i>śivāyās</i>	शिवयोस् <i>śivayos</i> <i>śive+os.</i> 36.	शिवानां <i>śivānām</i> <i>śivān+ām</i>
L.	{ शिवायां <i>śivāyām</i> <i>śivāyā+ām.</i> 31.	— <i>śivayos</i>	शिवामु <i>śivāsu</i> <i>śivā+su</i>
V.	{ शिवे <i>śive</i> <i>śivā+i.</i> 32.	शिवे <i>śive</i> <i>śive (au rejected)</i>	शिवाम् <i>śivās</i> <i>śivā+as.</i> 31.

106. Feminine bases in *í*, declined like नदी *nadí*, f., 'a river.'

The final of the base becomes *y* before the vowel-terminations, by 34; is changed to *yá* in D. Ab. G. sing.; is shortened in V. sing.; and assumes *n* in G. pl.

N.	{ नदी <i>nadí</i> <i>nadí</i> (s rejected)	नद्यौ <i>nadyau</i> <i>nadí</i> + <i>au</i> . 34.	नद्यस् <i>nadyas</i> <i>nadí</i> + <i>as</i> . 34.
Ac.	{ नदीं <i>nadíṁ</i> <i>nadí</i> + <i>m</i>	— <i>nadyau</i>	नदीस् <i>nadíś</i> <i>nadí</i> + <i>s</i>
I.	{ नद्या <i>nadyá</i> <i>nadí</i> + <i>á</i> . 34.	नदीभ्यां <i>nadíbhyaṁ</i> <i>nadí</i> + <i>bhyaṁ</i>	नदीभिस् <i>nadíbhis</i> <i>nadí</i> + <i>bhis</i>
D.	{ नद्यै <i>nadyai</i> <i>nadyá</i> + <i>e</i> . 33.	— <i>nadíbhyaṁ</i>	नदीभ्यस् <i>nadíbhyas</i> <i>nadí</i> + <i>bhyas</i>
Ab.	{ नद्यास् <i>nadyás</i> <i>nadyá</i> + <i>as</i> . 31.	— <i>nadíbhyaṁ</i>	— <i>nadíbhyas</i>
G.	{ — <i>nadyás</i>	नद्योस् <i>nadyos</i> <i>nadí</i> + <i>os</i> . 34.	नदीनां <i>nadínaṁ</i> <i>nadí</i> + <i>ám</i>
L.	{ नद्यां <i>nadyám</i> <i>nadí</i> + <i>ám</i> . 34.	— <i>nadyos</i>	नदीषु <i>nadíśhu</i> <i>nadí</i> + <i>su</i> . 70.
V.	{ नदि <i>nadí</i> <i>nadí</i> (final shortened)	नद्यौ <i>nadyau</i> <i>nadí</i> + <i>au</i> . 34.	नद्यस् <i>nadyas</i> <i>nadí</i> + <i>as</i> . 34.

The classical student will recognise in the terminations of *śiva* and *nadí* many resemblances to the terminations of nouns in Latin and Greek, remembering that the Sanskrit *a* corresponds to the Latin *u* and the Greek *o*; the Sanskrit *m* to the Latin *m* and the Greek *ν*; the Sanskrit *á* or *í* to the Latin *a* and the Greek *η* or *α*, or in the gen. plur. *ω*; the Sanskrit *bh* or *bhy* to the Latin *b*. See 11. f. and 97. a.

107. In accordance with 58, such words as मृग *mṛiga*, m., 'a deer;' पुरुष *puruṣa*, m., 'a man;' भार्या *bhárýa*, f., 'a wife;' कुमारी *kumári*, f., 'a girl'—must be written, in the inst. sing. m. and the gen. pl. m. f., with the cerebral ण *ṇ*: thus, मृगेण *mṛigeṇa*, पुरुषेण, मृगाणां, पुरुषाणां, भार्याणां, कुमारीणां. When *n* is final, as in the acc. pl. m., it remains unchanged.

a. Observe, monosyllabic nouns in ई *í*, like श्री 'fortune,' भी 'fear,' &c., vary from *nadí* in the manner explained at 123.

b. Observe also, that feminine nouns in ऊ *ú* are declined analogously to *nadí*, excepting in the nom. sing., where *s* is not rejected. See 125.

108. When a feminine noun ending in *á* is taken to form the last member of a compound adjective, it is declined like *śiva* for the masculine and neuter. Thus, taking the feminine noun *vidyá*, 'learning;' whence may be formed the compound *alpavidyá*, 'little learning.' When this is used as a compound adjective, it becomes, in the nom. masc. fem. and neut., *alpavidyas*, *alpavidyá*, *alpavidyam*, 'possessed of little learning.' On the same principle, a masculine noun takes the feminine and

neuter terminations, when forming the last member of a compound adjective; and a neuter noun, the masculine and feminine.

a. When roots ending in *á*, such as *pá*, 'to drink' or 'to preserve,' are taken for the last member of compound words, they form their neuter like the neuter of *śiva*; and for their masculine and feminine assume the memorial terminations regularly, rejecting, however, the final of the base in the Ac. pl. and remaining vowel-cases: thus, **सोमपा** *soma-pá*, 'a drinker of Soma juice;' N. -**पाम**, -**पौ**, -**पाम्**; Ac. -**पां**, -**पौ**, -**पम्**; I. -**पा**, -**पाभ्यां**, &c.; D. -**पे**, &c.

b. **हाहा** *háhá*, 'a Gandharba,' assumes the terminations regularly throughout: thus, D. sing. **हाहे**. See 33.

c. The voc. c. of **अम्बा** *ambá*, 'a mother,' is **अम्ब** *amba*.

d. **जरा** *jará*, 'decay,' forms some of its cases from *jaras*, at 171.

109. To convince the student of the absolute necessity of studying the declension of this first class of nouns, he is recommended to turn back to rule 80. He will there find given, under twenty-eight heads, the most usual forms of nouns, substantive and adjective, which follow this declension. All the masculine and neuter substantives in this list are declined like *śiva*, and all the feminine either like *śivá* or *nadí*. Again, all the adjectives in this list follow the same three examples for their three genders. Again, according to *śiva* masc. and neut., and *śivá* fem., are declined all present participles (see 526, 527, 528); all passive past participles, which are the most common and useful of verbal derivatives (see 530); all future passive participles (see 568); all participles of the second future (see 578); many ordinals, like *prathama* (208). Lastly, according to *nadí* feminine, are also declined the *feminines* of innumerable adjectives, see 80. XIII. XIV; the *feminines* of active participles, like *kṛitavat* (553, and 140. a); the *feminines* of participles of the 2d preterite, like *vividwas* (see 554 and 168); the *feminines* of many ordinals, like *chaturtha* (209).

SECOND AND THIRD CLASSES OF NOUNS DECLINED.

Observe, that the declension of the 2d and 3d classes of nouns (see 81 and 82) is exhibited together, that their analogy may be more readily perceived.

2d class—Masculine, feminine, and neuter bases in इ *i*.

3d class—Masculine, feminine, and neuter bases in उ *u*.

Note, that the 2d class answers to Latin and Greek words like *ignis, turris, πόλις, πῆστις, mare, μέλι*; and the 3d, to words like *gradus, βότρυς, ἡδύς, μέθυ*.

110. (C) Masculine bases in इ *i* and उ *u*, declined like अग्नि *agní*, m. (*ignis*), 'fire,' and भानु *bhánu*, m., 'the sun.'

The final of the base is gunated in D. Ab. G. V. sing., N. pl.; lengthened in N. Ac. du., Ac. G. pl.; dropped in L. sing.; and assumes *n* in I. sing., G. pl.

N.	{ अग्निम् <i>agnis</i> <i>agni+s</i>	अग्नी <i>agní</i> <i>agní</i> (<i>au</i> rejected)	अग्नयस् <i>agnayas</i> <i>agne+as.</i> 36.	
Ac.	{ अग्निं <i>agnim</i> <i>agni+m</i>	— <i>agní</i>	अग्नीन् <i>agnín</i> <i>agní+n</i>	
I.	{ अग्निना <i>agniná</i> <i>agnin+á</i>	अग्निभ्यां <i>agnibhyám</i> <i>agni+bhyám</i>	अग्निभिस् <i>agnibhis</i> <i>agni+bhis</i>	
D.	{ अग्नये <i>agnaye</i> <i>agne+e.</i> 36.	— <i>agnibhyám</i>	अग्निभ्यस् <i>agnibhyas</i> <i>agni+bhyas</i>	
Ab.	{ अग्नेस् <i>agnes</i> <i>agne+s</i>	— <i>agnibhyám</i>	— <i>agnibhyas</i>	
G.	{ — <i>agnes</i>	अग्न्योस् <i>agnyos</i> <i>agni+os.</i> 34.	अग्नीनां <i>agnínám</i> <i>agnín+ám</i>	
L.	{ अग्नौ <i>agnau</i> <i>agn</i> (<i>i</i> dropped) + <i>au</i>	— <i>agnyos</i>	अग्निषु <i>agnishu</i> <i>agni+su.</i> 70.	
V.	{ अग्ने <i>agne</i> <i>agne</i> (<i>s</i> rejected)	अग्नी <i>agní</i> <i>agní</i> (<i>au</i> rejected)	अग्नयस् <i>agnayas</i> <i>agne+as.</i> 36.	
III.	N.	{ भानुस् <i>bhánus</i> <i>bhánu+s</i>	भानू <i>bhánú</i> <i>bhánú</i> (<i>au</i> rejected)	भानवस् <i>bhánavas</i> <i>bháno+as.</i> 36.
Ac.	{ भानुं <i>bhánum</i> <i>bhánu+m</i>	— <i>bhánú</i>	भानून् <i>bhánún</i> <i>bhánú+n</i>	
I.	{ भानुना <i>bhánuná</i> <i>bhánun+á</i>	भानुभ्यां <i>bhánubhyám</i> <i>bhánu+bhyám</i>	भानुभिस् <i>bhánubhis</i> <i>bhánu+bhis</i>	
D.	{ भानवे <i>bhánave</i> <i>bháno+e.</i> 36.	— <i>bhánubhyám</i>	भानुभ्यस् <i>bhánubhyas</i> <i>bhánu+bhyas</i>	
Ab.	{ भानोस् <i>bhános</i> <i>bháno+s</i>	— <i>bhánubhyám</i>	— <i>bhánubhyas</i>	
G.	{ — <i>bhános</i>	भान्वोस् <i>bhánwos</i> <i>bhánu+os.</i> 34.	भानूनां <i>bhánúnám</i> <i>bhánún+ám</i>	
L.	{ भानौ <i>bhánau</i> <i>bhán</i> (<i>u</i> dropped) + <i>au</i>	— <i>bhánwos</i>	भानुषु <i>bhánushu</i> <i>bhánu+su.</i> 70.	
V.	{ भानो <i>bháno</i> <i>bháno</i> (<i>s</i> rejected)	भानू <i>bhánú</i> <i>bhánú</i> (<i>au</i> rejected)	भानवस् <i>bhánavas</i> <i>bháno+as.</i> 36.	

112. Feminine bases in इ *i* and उ *u*, declined like मति *matī*, f., 'the mind,' and धेनु *dhenū*, f., 'a milch cow.'

The final of the base is gunated in D. Ab. G. V. sing., N. pl.; lengthened in N. Ac. du., Ac. G. pl.; dropped in L. sing. (unless the termination be झँ); and assumes *n* in the G. pl.

	N.	{ मतिस् <i>matīs</i> <i>matī+s</i>	मती <i>matī</i> <i>matī</i> (<i>au</i> rejected)	मतयस् <i>matayas</i> <i>mate+as.</i> 36.
	Ac.	{ मतिं <i>matim</i> <i>matī+m</i>	— <i>matī</i>	मतीस् <i>matīs</i> <i>matī+s</i>
	I.	{ मत्या <i>matyā</i> <i>matī+á.</i> 34.	मतिभ्यां <i>matibhyám</i> <i>matī+bhyám</i>	मतिभिस् <i>matibhis</i> <i>matī+bhis</i>
	D.	{ मतये <i>mataye</i> * <i>mate+e.</i> 36.	— <i>matibhyám</i>	मतिभ्यस् <i>matibhyas</i> <i>matī+bhyas</i>
	Ab.	{ मतेस् <i>mates</i> * <i>mate+s</i>	— <i>matibhyám</i>	— <i>matibhyas</i>
	G.	{ — <i>mates</i> *	मत्योस् <i>matyos</i> <i>matī+os.</i> 34.	मतीनां <i>matínám</i> <i>matīn+ám</i>
	L.	{ मती <i>matāu</i> * <i>mat</i> (<i>i</i> dropped) + <i>au</i>	— <i>matyos</i>	मतिषु <i>matishu</i> <i>matī+su.</i> 70.
	V.	{ मते <i>mate</i> <i>mate</i> (<i>s</i> dropped)	मती <i>matī</i> <i>matī</i> (<i>au</i> rejected)	मतयस् <i>matayas</i> <i>mate+as.</i> 36.
113.	N.	{ धेनुस् <i>dhenus</i> <i>dhenū+s</i>	धेनू <i>dhenú</i> <i>dhenú</i> (<i>au</i> rejected)	धेनवस् <i>dhenavas</i> <i>dheno+as.</i> 36.
	Ac.	{ धेनुं <i>dhenum</i> <i>dhenū+m</i>	— <i>dhenú</i>	धेनूस् <i>dhenús</i> <i>dhenú+s</i>
	I.	{ धेन्वा <i>dhenwá</i> <i>dhenū+á.</i> 34.	धेनुभ्यां <i>dhenubhyám</i> <i>dhenū+bhyám</i>	धेनुभिस् <i>dhenubhis</i> <i>dhenū+bhis</i>
	D.	{ धेनवे <i>dhenave</i> † <i>dheno+e.</i> 36.	— <i>dhenubhyám</i>	धेनुभ्यस् <i>dhenubhyas</i> <i>dhenū+bhyas</i>
	Ab.	{ धेनोस् <i>dhenos</i> † <i>dheno+s.</i>	— <i>dhenubhyám</i>	— <i>dhenubhyas</i>
	G.	{ — <i>dhenos</i> †	धेनोस् <i>dhenwos</i> <i>u+os.</i> 34.	धेनूनां <i>dhenúnám</i> <i>dhenún+ám</i>
	L.	{ धेनौ <i>dhenau</i> † <i>dhen</i> (<i>u</i> dropped) + <i>au</i>	— <i>dhenwos</i>	धेनुषु <i>dhenushu</i> <i>dhenū+su.</i> 70.
	V.	{ धेनो <i>dheno</i> <i>dheno</i> (<i>s</i> dropped)	धेनू <i>dhenú</i> <i>dhenú</i> (<i>au</i> rejected)	धेनवस् <i>dhenavas</i> <i>dheno+as.</i> 36.

* The D. may also be मत्ये *matyai*; the Ab. and G. मत्यास् *matyós*; the L. मत्यां *matyám*.

† The D. may also be धेन्वै *dhenwai*; the Ab. and G. धेन्वास् *dhenwás*; and the L. धेन्वां *dhenwám*.

114. (D) Neuter bases in इ *i* and उ *u*, declined like वारि *vāri*, n., 'water' (Lat. *mare*, Greek *ἰδρῶς* for *ἰδρι*); and मधु *madhu*, n., 'honey' (*μέθυ*).

The final of the base assumes *n* before the vowel-terminations, and is lengthened in N. Ac. pl.

N.	{ वारि <i>vāri</i> { <i>vāri</i> (<i>s</i> rejected)	वारिणी <i>vāriṇī</i> <i>vārin</i> + <i>ī</i> . See 58.	वारीणि <i>vāriṇi</i> <i>vārin</i> + <i>i</i> . See 58.
Ac.	{ — <i>vāri</i>	— <i>vāriṇī</i>	— <i>vāriṇi</i>
I.	{ वारिणा <i>vāriṇā</i> { <i>vārin</i> + <i>ā</i>	वारिभ्यां <i>vāribhyām</i> <i>vāri</i> + <i>bhyām</i>	वारिभिस् <i>vāribhis</i> <i>vāri</i> + <i>bhis</i>
D.	{ वारिणे <i>vāriṇe</i> { <i>vārin</i> + <i>e</i>	— <i>vāribhyām</i>	वारिभ्यस् <i>vāribhyas</i> <i>vāri</i> + <i>bhyas</i>
Ab.	{ वारिणस् <i>vāriṇas</i> { <i>vārin</i> + <i>as</i>	— <i>vāribhyām</i>	— <i>vāribhyas</i>
G.	{ — <i>vāriṇas</i>	वारिणोस् <i>vāriṇos</i> <i>vārin</i> + <i>os</i>	वारीणां <i>vāriṇām</i> <i>vārin</i> + <i>ām</i>
L.	{ वारिणि <i>vāriṇi</i> { <i>vārin</i> + <i>i</i>	— <i>vāriṇos</i>	वारिषु <i>vāriṣhu</i> <i>vāri</i> + <i>su</i> . 70.
V.	{ वारि <i>vāri</i> or वारे <i>vāre</i> { <i>vāri</i> or <i>vāre</i> . 92.	वारिणी <i>vāriṇī</i> <i>vārin</i> + <i>ī</i>	वारीणि <i>vāriṇi</i> <i>vārin</i> + <i>i</i>
115. N.	{ मधु <i>madhu</i> { <i>madhu</i> (<i>s</i> rejected)	मधुनी <i>madhunī</i> <i>madhun</i> + <i>ī</i>	मधूनि <i>madhūni</i> <i>madhūn</i> + <i>i</i>
Ac.	{ — <i>madhu</i>	— <i>madhunī</i>	— <i>madhūni</i>
I.	{ मधुना <i>madhunā</i> { <i>madhun</i> + <i>ā</i>	मधुभ्यां <i>madhubhyām</i> <i>madhu</i> + <i>bhyām</i>	मधुभिस् <i>madhubhis</i> <i>madhu</i> + <i>bhis</i>
D.	{ मधुने <i>madhune</i> { <i>madhun</i> + <i>e</i>	— <i>madhubhyām</i>	मधुभ्यस् <i>madhubhyas</i> <i>madhu</i> + <i>bhyas</i>
Ab.	{ मधुनस् <i>madhunas</i> { <i>madhun</i> + <i>as</i>	— <i>madhubhyām</i>	— <i>madhubhyas</i>
G.	{ — <i>madhunas</i>	मधुनोस् <i>madhunos</i> <i>madhun</i> + <i>os</i>	मधूनां <i>madhūnām</i> <i>madhūn</i> + <i>ām</i>
L.	{ मधुनि <i>madhuni</i> { <i>madhun</i> + <i>i</i>	— <i>madhunos</i>	मधुषु <i>madhuṣhu</i> <i>madhu</i> + <i>su</i> . 70.
V.	{ मधु <i>madhu</i> or मधो <i>madho</i> { <i>madhu</i> or <i>madho</i> . 92.	मधुनी <i>madhunī</i> <i>madhun</i> + <i>ī</i>	मधूनि <i>madhūni</i> <i>madhūn</i> + <i>i</i>

116. The declension of neuter nouns in *i* and *u* follows the analogy of nouns in *in*. Hence, *vári* serves also as the model for the neuters of adjectives and nouns of agency in *in*, like *dhanin* and *kárin* (159); and the neuters of nouns of agency in *ri*, like *dátri*, and nouns of relationship like *mátri* (130).

117. Although there are not many substantives declined like *agni* and *vári* (81), yet nouns like *mati* are numerous (81. V). Moreover, adjectives like *śuchi*, and compound adjectives ending in *i*, are declined like *agni* in the masc.; like *mati* in the fem.; and like *vári* in the neuter.

118. Again, although there are but few substantives declined like *dhenu* and *madhu*, yet it is important to study their declension, as well as that of the masc. noun *bhānu*; for all simple adjectives like *tanu*, and all like *pipāsu* (82), and all other simple adjectives in *u*, and all compound adjectives ending in *u*, are declined like *bhānu* in the masc.; *dhenu* in the fem.; and *madhu* in the neut.

a. Many adjectives in *u*, however, either optionally or necessarily follow the declension of *nadī* in the fem.; as, *tanu*, 'thin,' makes its nom. fem. either *tanus* or *tanvī*; *मृदु*, 'tender,' makes nom. f. *mṛidvī*: and some optionally lengthen the *u* in the feminine; as, *bhīru*, 'timid,' makes fem. *भीरु* or *भीरू*, declinable like nouns in *ú*, 125.

119. When feminine nouns ending in *i* and *u* are taken to form the last member of a compound adjective, they must be declined like *agni* in the masc., and *vári* in the neut. Thus the compound adjective *alpamati*, 'narrow-minded,' in the acc. plur. masc. would be *alpamatín*; fem. *alpamatis*; neut. *alpamatīni*. The same holds good if a masc. or neut. noun be taken to form the last member of a compound.

a. Although adjectives in *i* and *u* are declined like *vári* and *madhu* for the neuter, yet in the D. Ab. G. L. sing., and in the G. L. du., they may optionally follow the masculine form: thus the adjectives *śuchi* and *tanu* will be, in the D. sing. neut., *शुचिने* or *शुचये*, *तनुने* or *तनवे*; and so with the other cases.

120. There are some useful irregular nouns in *इ i*, declined as follows: *सखि* m. 'a friend': N. *सखा*, *सखायौ*, *सखायस्*; Ac. *सखायं*, *सखायौ*, *सखीन्*; I. *सख्या*, *सखिभ्यां*, &c.; D. *सख्ये*, &c.; Ab. *सख्युस्*, &c.; G. *सख्युस्*, *सख्योस्*, &c.; L. *सख्यौ*, &c.; V. *सखे*, &c. In some cases it assumes the memorial terminations at 91 more regularly than *agni*.

121. *पति* m. 'a master,' 'lord' (*πρόστυς*), when not used in a compound word, follows *sakhi* in I. D. Ab. G. L. sing. (thus, I. *पत्या*, D. *पत्ये*, Ab. G. *पत्युस्*); in the other cases, *agni*. But this word is generally found at the end of a compound, and then follows *agni* throughout (thus, *भूपतिना* 'by the lord of the earth').

122. A few neuter nouns, *अस्थि* n. 'a bone' (*ὀστέον*), *अक्षि* n. 'an eye' (*oculus*, *ὀκός*), *सक्थि* n. 'a thigh,' *दधि* n. 'ghee,' drop their final *i* in some of their cases, and are declined in those cases as if they were derived from obsolete forms in *an*; such as *अस्थन्*, &c. (compare 148): thus, N. Ac. *अस्थि*, *अस्थिनी*, *अस्थीनि*; I. *अस्थना*, *अस्थिभ्यां*, &c.; D. *अस्थने*, &c.; Ab. *अस्थनस्*, &c.; G. *अस्थनस्*, *अस्थनोस्*, *अस्थनां*; L. *अस्थनि* or *अस्थनि*, *अस्थनोस्*, *अस्थिषु*.

Hence, according to 58, *अक्षि* *akshi* will make in I. sing. *अक्ष्या*; in D. *अक्षणे*, &c.

123. There are a few useful monosyllabic words in long ई *i* primitively feminine, (i. e. not derived from masculine substantives, see *nadī* and *putrī* at 80. XXV, and not the feminine forms of adjectives or participles, 80. XII. &c.,) whose declension may conveniently be noticed here. Those in long ई *i* vary from the declension of *नदी* (106) by retaining *स्* in the nom., and changing the final to *iy* before the vowel-terminations: thus, श्री f. 'prosperity:' N.V. श्रीम्, श्रियौ, श्रियस्; Ac. श्रियं, श्रियौ, श्रियस्; I. श्रिया, श्रीभ्यां, श्रीभिस्; D. श्रिये or श्रियै, श्रीभ्यां, श्रीभ्यस्; Ab. श्रियस् or श्रियान्, श्रीभ्यां, श्रीभ्यस्; G. श्रियस् or श्रियास्, श्रियोस्, श्रियां or श्रीणां; L. श्रियि or श्रियां, श्रियोस्, श्रीपु.

a. Similarly are declined भी f. 'fear,' ह्री f. 'shame,' and धी f. 'understanding.'

b. When these words occur at the end of compound adjectives, the first inflection only of the two exhibited above, in the D. Ab. G. and L. cases sing., and G. plur., is admissible both for m. and f.: thus, N. गतभीम् m. f., 'fearless,' is गतभिये only in D. sing. The compounds shorten the final *i* for the neut. gender, and follow the declension of *vāri* (114), but only optionally in the I. D. Ab. G. and L. cases: thus, N. Ac. गतभिः; I. गतभिया or गतभिना; D. गतभिये or गतभिने.

c. स्त्री f., 'a woman,' is like श्री, but follows *नदी* in the nom.; and makes स्त्रीं as well as स्त्रियं in the Ac. sing.; स्त्रीम् as well as स्त्रियस् in the Ac. plur. V. स्त्रि.

124. There are a few primitively feminine words not monosyllabic, such as लक्ष्मी, तन्त्री, तरो, which, like श्री, take *s* in the nom. sing., but in other respects follow *नदी*: thus, nom. लक्ष्मीम्, लक्ष्म्यौ, लक्ष्म्यस्. When, however, they occur at the end of compounds (as, आनलक्ष्मी m. f. 'deprived of fortune'), they may optionally be declined as masculines in the D. Ab. G. and L. cases: thus, D. -लक्ष्म्ये; Ab. G. -लक्ष्म्यस्; L. -लक्ष्म्य, &c. The neuter of such compounds follows the rule for गतभी, 123. b.

125. Feminine nouns ending in long ऊ *u* are declined analogously to feminine nouns ending in ई *i*, i. e. like *नदी*, excepting in the N. sing., where *s* is retained. ऊ *u* is changed to *r*, wherever ई *i* is changed to *y* (see 34): thus, वधू 'a wife:' N. वधूम्, वध्वौ, वध्वस्; Ac. वधूं, वध्वौ, वधूम्; I. वध्वा, वधूभ्यां, वधूभिस्; D. वध्वै; Ab. G. वध्वास्; L. वध्वां; V. वधु. Similarly, चमू f. 'a host;' श्वश्रू f. 'a mother-in-law.'

a. Again, monosyllabic words in *u* primitively feminine are declined analogously to श्री f. (110); *u* being changed to *uv*, wherever *i* is changed to *iy*: thus, भू f. 'the earth:' N.V. भूम्, भुवौ, भुवस्; Ac. भुवं, भुवौ, भुवस्; I. भुवा, &c. Similarly, भ्रू *bhrū* f., 'the eyebrow' (*ὄφρῦς*); N.V. भ्रूम्, भ्रुवौ, भ्रुवस्, &c.

b. And the same rule holds good with regard to such words at the end of compounds; see 123. b: thus, सुभू m. f. 'having beautiful eyebrows:' N.V. sing. सुभूम्; Ac. सुभुवं; I. सुभुवा; D. सुभुवे. &c. Similarly, the neuter will be N. Ac. सुभुः; I. सुभुवा or सुभुणा, &c.

126. When a root like नी, 'to lead,' comes at the end of a compound, it assumes the memorial terminations at 91 more regularly than *नदी*, though like *नदी* it takes *ञां* for the termination of loc. sing.: thus, सेनानी m. 'one who leads an army,' a general: N. सेनानीम्, सेनान्यां, सेनान्यस्; Ac. सेनान्यं, &c.; I. सेनान्या,

सेनानीभ्यां, &c.; D. सेनान्ये, &c.; Ab. सेनान्यस्, &c.; G. सेनान्यस्, -न्योस्, -न्यां; L. सेनान्यां, &c.; V. सेनानीस्, &c.

a. In the same way are declined ग्रामणी 'the chief of a village,' जलपी 'a water-drinker,' &c., for both m. and f. The neuter shortens the vowel for the N. Ac. sing., and follows *vāri* (114); but in the I. D. Ab. G. L. sing., G. L. du., G. pl., it may optionally agree with the m. and f.

b. Similarly, roots like पू 'to purify,' in a compound like N.V. खलपूस् 'a sweeper;' Ac. खल्वं, &c. The L. case, however, is खल्वि. In the same manner, पुनर्भू 'twice-born:' N. पुनर्भूस्; Ac. पुनर्भू, &c.

c. स्वयम्भू, m. f. 'self-existent,' follows the declension of भू 'the earth,' 125. a.

FOURTH CLASS OF NOUNS DECLINED.

Masculine, feminine, and neuter bases in ऋ णि.

Note, that this class answers to Latin and Greek words like *pater*, *πατήρ*, *δοτήρ*, &c.; the vowel *ṛi* being equivalent to *ar*.

127. Masculine bases in *ṛi*, declined like दातृ *dātṛi*, m., 'a giver,' and पित्रृ *pitṛi*, m., 'a father.' The former is the model of nouns of agency (83); the latter, of nouns of relationship.

In nouns of agency like *dātṛi* the final *ṛi* is vriddhied (28), and in nouns of relationship like *pitṛi* (excepting *naptṛi*, 'a grandson') gunated, in N. sing. du. pl., Ac. sing. du.; but the *r* of *ūr* and *ar* is dropped in N. sing., and to compensate in the last case *a* is lengthened. In both nouns of agency and relationship the final *ṛi* is gunated in L.V. sing., and very anomalously changed to *u* in Ab. G. sing. In Ac. G. pl. it is lengthened, and assumes *n* in G. pl.

It is remarkable, that *dātāram*, *dātāras*, &c., bear the same relation to *pitāram*, *pitāras*, &c., that *δοτήρα*, *δοτήρες*, *δοτήρι*, &c., bear to *πατέρα*, *πατέρες*, *πατέρι*, &c. Compare also the Latin *datoris* from *dator* with *patris* from *pater*.

N.	{ दाता <i>dātā</i> { <i>dātā</i> (<i>s</i> rejected)	दातारौ <i>dātārau</i> <i>dātār+au</i>	दातारस् <i>dātāras</i> (<i>δοτήρες</i>) <i>dātār+as</i>
Ac.	{ दातारं <i>dātāram</i> { <i>dātār+am</i>	— <i>dātārau</i>	दानृन् <i>dātṛin</i> <i>dātṛi+n</i>
I.	{ दात्रा <i>dātrā</i> { <i>dātṛi+ā</i> . 34.	दानृभ्यां <i>dātṛibhyām</i> <i>dātṛi+bhyām</i>	दानृभिस् <i>dātṛibhis</i> <i>dātṛi+bhis</i>
D.	{ दात्रे <i>dātre</i> { <i>dātṛi+e</i> . 34.	— <i>dātṛibhyām</i>	दानृभ्यस् <i>dātṛibhyas</i> <i>dātṛi+bhyas</i>
Ab.	{ दातुस् <i>dātus</i> { <i>dātu+s</i>	— <i>dātṛibhyām</i>	— <i>dātṛibhyas</i>
G.	{ — <i>dātus</i>	दात्रोस् <i>dātros</i> <i>dātṛi+os</i> . 34.	दानृणां <i>dātṛiṇām</i> <i>dātṛin+ām</i>

	L.	{ दातरि <i>dátari</i> <i>dátar + i</i>	दात्रोस् <i>dátros</i> <i>dáttri + os. 34.</i>	दातृषु <i>dátřishu</i> <i>dáttri + su. 70.</i>
	V.	{ दातार <i>dátar</i> <i>dátar</i>	दातारौ <i>dátárau</i> <i>dátár + au</i>	दातारस् <i>dátáras</i> <i>dátár + as</i>
128.	N.	{ पिता <i>pitá</i> <i>pitá (s rejected)</i>	पितरौ <i>pitarau</i> <i>pitár + au</i>	पितरस् <i>pitaras</i> (πατέρες) <i>pitár + as</i>
	Ac.	{ पितरं <i>pitaram</i> <i>pitár + am</i>	— <i>pitarau</i>	पितृन् <i>pitřin</i> <i>pitři + n</i>
	I.	{ पित्वा <i>pitrá</i> <i>pitři + á. 34.</i>	पितृभ्यां <i>pitřibhyám</i> <i>pitři + bhyám</i>	पितृभिस् <i>pitřibhis</i> <i>pitři + bhis</i>
	D.	{ पित्वे <i>pitre</i> <i>pitři + e. 34.</i>	— <i>pitřibhyám</i>	पितृभ्यस् <i>pitřibhyas</i> <i>pitři + bhyas</i>
	Ab.	{ पितुस् <i>pitus</i> <i>pitu + s</i>	— <i>pitřibhyám</i>	— <i>pitřibhyas</i>
	G.	{ — <i>pitus</i>	पित्रोस् <i>pitros</i> <i>pitři + os. 34.</i>	पितृणां <i>pitřinám</i> <i>pitřin + ám</i>
	L.	{ पितरि <i>pitari</i> <i>pitár + i</i>	— <i>pitros</i>	पितृषु <i>pitřishu</i> <i>pitři + su. 70.</i>
	V.	{ पितार <i>pitár</i> <i>pitár</i>	पितारौ <i>pitarau</i> <i>pitár + au</i>	पितारस् <i>pitaras</i> <i>pitár + as</i>

Observe—*Pitři* seems to be corrupted from *pátri*, 'a protector' (*pá*, 'to protect'). The cognate languages have preserved the root in *πατήρ*, *pater*, 'father,' &c. The Latin *Jupiter*, however, is literally *Dyu-pitar* (द्यु-पितर), 'father of heaven.' Prof. Bopp considers that nouns like *pitři* &c. are really from a base *pitár*.

a. Observe—नप्तृ *naptri*, 'a grandson*', although a noun of relationship, is declined like दातृ *dáttri*, requiring the final to be vriddhi'd in the same cases.

b. There are a few nouns, which neither express relationship nor agency, falling under this class. नृ *nri*, m., 'a man,' is declined like *pitři* (N. ना *ná*, Ac. नरं, I. न्ना, D. न्ने, Ab. G. नुस्, &c.), but usually makes नृणां *nřinám* in the gen. plur.

c. क्रोष्टृ, 'a jackal,' takes some of its inflections from a form क्रोष्टु: thus, N. क्रोष्टा, -ष्टारौ, -ष्टारस्; Ac. -ष्टारं, -ष्टारौ, -ष्टृन् or -ष्टृन्; I. -ष्टा or -ष्टुना, -ष्टृभ्यां, &c.; D. -ष्टे or -ष्ट्वे, &c.; Ab. -ष्टुस् or -ष्टोस्, &c.; G. -ष्टुस् or -ष्टोस्, -ष्टोस् or -ष्टोस्, -ष्टृनां; L. -ष्टरि or -ष्टौ, &c.; V. -ष्टर् or -ष्टो.

129. Feminine bases in च्च *ri* belong only to nouns of relationship, like मातृ *mátri*, 'a mother' (from *má*, 'to create,' 'the producer'); and their declension only differs from *pitři*, 'a father,' in the acc. plur.,

* Derived from *na* and *pitři*, i. e. 'not the father,' as if any member of the family but the father.

which takes the termination *s* instead of *n*: thus, मातृस्. Compare the Greek μήτηρ, μητέρα, voc. μητερ.

a. स्वसृ *swasri*, 'a sister,' however, follows दातृ *dātri*; but the Ac. pl. is still स्वसृस्. The lengthening of the penultimate is probably caused by the loss of the *t* from *tri*, preserved in the English *sister*. So *soror* for *sostor*.

b. The feminine base of nouns of agency is formed by adding ई *i* to the final च् *ri*: thus, दातृ + ई, दात्री *dātri*, f., 'a giver;' and कर्तृ + ई, कर्त्री f. 'a doer.' See 80. XIX. Their declension follows *nadī* at 106.

130. Neuter bases in च् *ri* belong only to nouns of relationship or of agency, when used at the end of compound adjectives, such as दिव्यमातृ *divya-mātri*, agreeing with कुलं, i. e. 'a family having a divine mother,' or द्विमातृ 'having two mothers' (compare διμήτωρ). They follow the declension of *vāri* at 114: thus, N. Ac. मातृ, मातृणी, मातृणि; दातृ, दातृणी, दातृणि.

131. Before passing to the declension of nouns ending in consonants, it will be necessary to notice a few monosyllabic nouns, whose bases end in रे, औ, and औ, not sufficiently numerous to form a separate class. They are thus declined:

132. रै *rai*, m. f., 'substance,' 'wealth' (Lat. *res*): N. voc. रास्, रायौ, रायस्; Ac. रायं, &c.; I. राया, राभ्यां, राभिस् (*rebus*); D. राये, &c.; Ab. रायस्, &c.; G. रायस्, रायोस्, रायां; L. रायि, &c.

133. गो *go*, m. f., 'a cow' or 'ox' (*bos*, *βούς*): N. voc. गौस्, गावौ, गावस्; Ac. गां, गावौ, गास्; I. गवा, गोभ्यां, गोभिस्; D. गवे, &c.; Ab. गोस्, &c.; G. गोस्, गवोस्, गवां; L. गवि (*bovi*), गवोस्, गौषु. Compare गां with γῆν; *go* meaning also 'the earth.'

134. नौ *nau*, f., 'a ship' (cf. *navis*, *ναῦς*), is declined at 94, being the most regular of all nouns. With the N. pl. *nāvas*, compare *naves*, *ναῆς* (*νηῆς*). The gen. *νηός* for *ναός* or *ναφος* = *nāvas*.

a. These nouns may occur at the end of compounds; as, बहुरै 'rich,' उपगो 'near a cow,' बहुनौ 'having many ships.' In that case the neuter is बहुरि, उपगु, and बहुनु; of which the inst. cases will be बहुरिणा or बहुराया, उपगुना or उपगवा, बहुनुना or बहुनावा; and so with the other vowel-cases: but बहुरि becomes बहुरा before all consonantal-cases, except the nom. sing.

SECTION II.

DECLENSION OF NOUNS, SUBSTANTIVE AND ADJECTIVE, WHOSE BASES END IN CONSONANTS, OR OF THE LAST FOUR CLASSES OF NOUNS.

135. Observe—The first four classes of nouns, whose declension has just been considered, comprise many more substantives than adjectives. On the other hand, the last four classes, though com-

prehending a few substantives, consist chiefly of adjectives, participles, or roots used as adjectives at the end of compound words. All the nouns under these remaining classes take the memorial terminations at 91 with perfect regularity.

a. In the anomalies the acc. pl., and in neuter anomalies the inst. sing., is generally the guide to the form assumed before the remaining vowel-terminations.

FIFTH CLASS OF NOUNS DECLINED.

Masculine, feminine, and neuter bases in ण् t and द् d.

This class answers to Latin words like *comes* (from a base *comit*), *eques* (from a base *equit*), *ferens* (from *ferent*); and to Greek words like *χάρης* (from a base *χαριτ*), *κέρας* (from *κερατ*), *χαρίεις* (from *χαριεντ*).

136. Masculine and feminine bases in ण् t, declined like हरित् *harit*, m. f., 'green' (declined at p. 57); and सरित् f. 'a river.'

Observe—The nom. case sing. is properly *harits*, but *s* is rejected by 43. a. The same applies to all nouns ending in consonants. It is remarkable, that Latin and Greek, when the final consonant of the base refuses to combine with the *s* of the nom., prefer rejecting the base-final: thus, *χάρης* for *χαριτς*, *comes* (*comis*) for *comits*. But in these languages the final of the base often combines with the *s* of the nominative; as in *lex* (for *leks*), *φλόξ* (for *φλοκς*).

N.V.	{ सरित् <i>sarit</i> <i>sarit</i> + <i>s</i> (<i>s</i> rejected. 43. a.)	सरितौ <i>saritan</i> <i>sarit</i> + <i>au</i> . 41. b.	सरित्स् <i>saritas</i> <i>sarit</i> + <i>as</i> . 41. b.
Ac.	{ सरितं <i>saritam</i> <i>sarit</i> + <i>am</i> . 41. b.	— <i>saritau</i>	— <i>saritas</i>
I.	{ सरिता <i>saritá</i> <i>sarit</i> + <i>á</i>	सरिद्भ्यां <i>saridbhyám</i> <i>sarit</i> + <i>bhyám</i> . 41.	सरिद्भिस् <i>saridbhis</i> <i>sarit</i> + <i>bhis</i> . 41.
D.	{ सरिते <i>sarite</i> <i>sarit</i> + <i>e</i>	— <i>saridbhyám</i>	सरिद्भ्यस् <i>saridbhyas</i> <i>sarit</i> + <i>bhyas</i>
Ab.	{ सरित्स् <i>saritas</i> <i>sarit</i> + <i>us</i>	— <i>saridbhyám</i>	— <i>saridbhyas</i>
G.	{ — <i>saritas</i>	सरितोस् <i>saritos</i> <i>sarit</i> + <i>os</i>	सरितां <i>saritam</i> <i>sarit</i> + <i>ám</i>
L.	{ सरिति <i>sariti</i> <i>sarit</i> + <i>i</i>	— <i>saritos</i>	सरित्सु <i>saritsu</i> <i>sarit</i> + <i>su</i> . 40.

137. Neuter bases in ण् t, declined like हरित् *harit*, n., 'green.'

These only differ from the masculine and feminine in the N. du. pl., Ac. sing. du. and pl., the usual neuter terminations ई *i*, इ *i* (see 97), being required.

and an euphonic *n* being inserted before the final of the base in N. Ac. pl.: thus,

N. Ac. हरित् *harit*, हरिती *haritī*, हरिन्ति *harinti*; I. हरिता *haritá*, हरिद्भ्यां *haridbhyám*, &c.

138. Masculine and feminine bases in द् *d*, like धर्मविद् *dharma-vid*, m. f., ‘knowing one’s duty’—a compound composed of the substantive *dharma*, ‘duty,’ and the root *vid*, ‘knowing.’ See 84. 1.

N.V.	{ -वित् - <i>vit</i> - <i>vid</i> + s. 42, 43. a.	-विदौ - <i>vidau</i> - <i>vid</i> + <i>au</i>	-विदस् - <i>vidas</i> - <i>vid</i> + <i>as</i>
Ac.	{ -विदं - <i>vidam</i> - <i>vid</i> + <i>am</i>	— - <i>vidau</i>	— - <i>vidas</i>
I.	{ -विदा - <i>vidá</i> - <i>vid</i> + <i>á</i>	-विद्भ्यां - <i>vidbhyám</i> - <i>vid</i> + <i>bhyám</i>	-विद्भिस् - <i>vidbhis</i> - <i>vid</i> + <i>bhis</i>
D.	{ -विदे - <i>vide</i> - <i>vid</i> + <i>e</i>	— - <i>vidbhyám</i>	-विद्भ्यस् - <i>vidbhyas</i> - <i>vid</i> + <i>bhyas</i>
Ab.	{ -विदस् - <i>vidas</i> - <i>vid</i> + <i>as</i>	— - <i>vidbhyám</i>	— - <i>vidbhyas</i>
G.	{ — - <i>vidas</i>	-विदोस् - <i>vidos</i> - <i>vid</i> + <i>os</i>	-विदां - <i>vidám</i> - <i>vid</i> + <i>ám</i>
L.	{ -विदि - <i>vidi</i> - <i>vid</i> + <i>i</i>	— - <i>vidos</i>	-विदुस् - <i>vidsu</i> - <i>vid</i> + <i>su</i> . 42.

139. Neuter bases in द् *d*, declined like धर्मविद् *dharma-vid*, n., ‘knowing one’s duty.’

These differ from the masculine and feminine forms in the same cases, and in the same manner, as neuter bases in त् *t*; see 137: thus,

N. Ac. धर्मवित्, धर्मविदी, धर्मविन्दी.

a. So also, कुमुद् n. ‘a lotus:’ N. Ac. कुमुत्, कुमुदी, कुमुन्दि; I. कुमुदा, &c.

Observe—All the nouns whose formation is explained at 84. I. II. III. follow the declension of हरित् and धर्मविद्.

140. Possessive adjectives formed with the affixes वत् *vat* and मत् *mat*, like धनवत् *dhanavat*, ‘rich,’ and धीमत् *dhímat*, ‘wise,’ are declined like *harit* for the masculine; but in the Nom. Voc. sing. du. pl., Ac. sing. du., *n* is inserted before the final of the base, and the preceding *a* is lengthened in N. sing.

N.	{ धनवान् <i>dhanaván</i> <i>dhanavánt</i> + s. 43. a.	धनवन्तौ <i>dhanavantau</i> <i>dhanavant</i> + <i>au</i>	धनवन्तस् <i>dhanavantas</i> <i>dhanavant</i> + <i>as</i>
Ac.	{ धनवन्तं <i>dhanavantam</i> <i>dhanavant</i> + <i>am</i>	— <i>dhanavantau</i>	धनवतस् <i>dhanavatas</i> <i>dhanavat</i> + <i>as</i>

The remaining cases follow हरित्; thus, I. धनवता, &c.; but the vocative singular is धनवन् *dhanavan*.

a. In the same manner are declined active past participles of the form कृतवत्; thus, N. कृतवान्, कृतवन्तौ, कृतवन्तस्, &c. Similarly, धीमत् 'wise:' N. धीमान्, धीमन्तौ, धीमन्तस्; Ac. धीमन्तं, धीमन्तौ, धीमतस्, &c.

b. The feminine bases of adjectives like धनवत् and धीमत्, and participles like कृतवत्, are formed by adding ई *i* to the masculine base; thus, धनवती, धीमती, कृतवती: declined after नदी at 106; thus, Nom. धनवती, धनवत्यौ, धनवत्यस्, &c.

c. The neuter is declined like the neuter of *harit*: thus, N. Ac. धनवत्, धनवती, धनवन्ति.

141. Present participles like पचत् *pachat*, 'cooking' (524), are declined after *dhanavat* (140), excepting in the N. sing., where *a* is not lengthened before *n*: thus, N. sing. पचन् *pachan* (for *pachants* or *pachans*), and not पचान् *pachán*: N. du. pl. पचन्तौ, पचन्तस्; Ac. पचन्तं, पचन्तौ, पचतस्; I. पचता, &c. Compare the declension of Latin participles like *ferens, ferentis, ferentem*, &c.

a. Observe, however, that all reduplicated verbs, such as verbs of the 3d conjugation—all verbs from polysyllabic roots (75. a)—and some few other verbs, such as जद्य् 'to eat,' शाम् 'to rule'—which reject the nasal in the 3d pl. of the Parasmai-pada, reject it also in the declension of the pres. participle. Hence the pres. participle of such verbs is declined like *harit*, the N. case being identical with the base: thus, from *dá*, 'to give,' 3d conj., N. sing. du. pl. *dadat, dadatau, dadatas*; Ac. *dadatam*, &c.: from *bhṛi*, 'to bear,' 3d conj., N. sing. du. pl. *bibhrat, bibhratau, bibhratas*. So also, *jágrat* (from *jágrī*), *sásat* (from *sás*). The rejection of the nasal is doubtless owing to the encumbrance of the syllable of reduplication.

b. In present participles derived from verbs of the 1st, 4th, and 10th conjugations, a nasal is inserted for the feminine base: thus, पचन्ती from पच्, 1st conj. (declined like *nadí* at 106); and this nasal is carried through all the inflections, not merely, as in the masculine, through the first five. So दीव्यन्ती from *dir*, 4th conj.; and चोरयन्ती from *chur*, 10th conj. In the 6th conj., and some few verbs of the 8th and 9th, the insertion of the nasal is optional. The same conjugations also insert a nasal in the dual neuter: thus, पचत्, पचन्ती, पचन्ति.

c. The other conjugations, viz. the 2d, 3d, 5th, 7th, 8th, and most verbs of the 9th, follow 140. b. c, and insert no nasal for the feminine and neuter; although all but the 3d assume a nasal in the first five inflections of the masculine: thus, *adat* (from *ad*, 2d conj.); N. masc. *adau, adantau, adantas*; fem. *adati: juhvat* (from *hu*, 3d conj.); N. masc. *juhvat, juhwatau, juhwas*; fem. *juhvatí: rundhat* (from *rudh*, 7th conj.); N. masc. *rundhan, rundhantau, rundhantas*; fem. *rundhatí*. But *kurvat* (from *kri*, 8th conj.) makes either *kurvatí* or *kurvantí*.

142. The adjective महत्, 'great,' is properly a pres. part. from the root *mah*, 'to increase;' but, unlike present participles, it lengthens the *a* of *at* before *n* in the N. sing. du. pl., Ac. sing. du.: thus, N. महान्, महान्तौ, महान्तस्; Ac. महान्तं, महान्तौ, महतस्; I. महता, &c.; V. महन्, &c.: N. fem. महती, &c., see 140. a. b: N. neut. महत्, महती, महान्ति.

a. वृहत् m. f. n. 'great,' जगत् m. f. n. 'moving,' and पृषत् m. f. 'a deer,' follow the declension of pres. part.: thus, N. वृहन्, वृहन्तो, वृहन्नाम्, &c. The feminine is वृहती, &c.

143. When the present participle of भृ, 'to be,' is used as an honorific pronoun, it follows धनवत् (at 140), making the *a* of *at* long in the N. sing.: thus, भवान् 'your honour,' and not भवन्. The vocative is भवन्. As a present participle it follows the declension of पचत्, at 141. The feminine of the pronoun is भवती.

144. यकृत् 'the liver' (ἥπαρ, *jecur*), and शकृत् 'ordure,' both neuter nouns, are declined in some of their cases as if their bases were यकन् and शकन्: thus, N. V. यकृत्, यकृती, यकृन्ति; Ac. यकृत्, यकृती, यकृन्ति or यकानि; I. यकृता or यक्ता, यकृद्वां or यकभ्यां, यकृद्भिस् or यकभिस्; D. यकृते or यक्ते, &c.

145. पाद्, 'a foot,' at the end of compounds is contracted into पद् before the Ac. pl. and remaining vowel-terminations: thus, Ac. pl. सुपदस्, from सुपाद्, 'having beautiful feet.'

SIXTH CLASS OF NOUNS DECLINED.

Masculine, feminine, and neuter bases in अन् an and इन् in.

Note, that this class answers to Latin and Greek words like *sermo* (for *sermon*), *homo* (for *homin*), *δαίμων* (for *δαίμον*).

146. Masculine and feminine bases in अन् *an*, declined like आत्मन् *átman*, m. f., 'soul,' 'self;' यजन् *yajwan*, m., 'a sacrificer;' राजन् *rájan*, m., 'a king;' and पीवन् *pívan*, m. f., 'fat.'

If *an* be preceded by *m* or *v* (*w*), at the end of a conjunct consonant, as in *átman*, *yajwan*, the *a* of *an* is retained before all the terminations: but if *an* be preceded by any other consonant, whether conjunct or not, than *m* or *v*, or even by *m* or *v* if not conjunct, as in *rájan* and *pívan*, the *a* of *an* is dropped in the Ac. plur. and before all the other *vowel*-terminations, and the remaining *n* is compounded with the preceding consonant. All masc. and fem. nouns, without exception, ending in *an*, lengthen the *a* in the N. sing. du. pl., Ac. sing. du.; and drop the *n* before all the consonantal-terminations (see 57).

Observe—Latin follows Sanskrit in suppressing the *n* in the N. inasc. and fem., but not in neut.: thus *homo* is the N. of the base *homin*, the stronger vowel *o* being substituted for *i*, just as *í* is substituted for *i* in Sanskrit; but *nomen* is the N. of the neuter base *nomín*.

147.			
N.	{ आत्मा <i>átmá</i> <i>átmá</i> (<i>n</i> and <i>s</i> rejected. 43, a, 57.)	{ आत्मानौ <i>átmánau</i> <i>átmán + au</i>	{ आत्मानस् <i>átmánas</i> <i>átmán + as</i>
Ac.	{ आत्मानं <i>átmánam</i> <i>átmán + am</i>	— <i>átmánau</i>	{ आत्मनस् <i>átmanas</i> <i>átman + as</i>
I.	{ आत्मना <i>átmaná</i> <i>átman + á</i>	{ आत्मभ्यां <i>átmabhyám</i> <i>átma</i> (<i>n</i> dropped. 57) + <i>bhyám</i>	{ आत्मभिस् <i>átmabhis</i> <i>átma</i> (<i>n</i> dropped. 57) + <i>bhis</i>
D.	{ आत्मने <i>átmane</i> <i>átman + e</i>	— <i>átmabhyám</i>	{ आत्मभ्यस् <i>átmabhyas</i> <i>átma</i> (<i>n</i> dropped. 57) + <i>bhyas</i>

Ab.	{ आत्मनस् <i>átmanas</i> <i>átman + as</i>	{ आत्मभ्यां <i>átmabhyám</i> <i>átma (n dropped.57) + bhyám</i>	{ आत्मभ्यम् <i>átmabhyas</i> <i>átma (n dropped.57) + bhyas</i>
G.	{ — <i>átmanas</i>	{ आत्मनोस् <i>átmanos</i> <i>átman + os</i>	{ आत्मनां <i>átmanám</i> <i>átman + ám</i>
L.	{ आत्मनि <i>átmani</i> <i>átman + i</i>	{ — <i>átmanos</i>	{ आत्मसु <i>átmasu</i> <i>átma (n dropped. 57) + su</i>
V.	{ आत्मन् <i>átman</i> <i>átman (s rejected)</i>	{ आत्मानौ <i>átmánau</i> <i>átmán + au</i>	{ आत्मानस् <i>átmánas</i> <i>átmán + as</i>

148. Similarly may be declined पाप्मन् *pápmān*, m., 'sin;' उष्मन् *ushmān*, m., 'the hot season;' शुष्मन् *śushmān*, m., 'fire;' यज्वन् *yajvān*, m., 'a sacrificer:'. N. यज्वा, यज्वानौ, यज्वानस्; Ac. यज्वानं, यज्वानौ, यज्वनस्; I. यज्वना, &c.

So also, अध्वन् *adhvān*, 'a road;' दृश्वन् *drīshvān*, 'a looker' (85. IV).

149.			
N.	{ राज्ञा <i>rājá</i> <i>rájá (n and s rejected. 43.a,57.)</i>	{ राज्ञानौ <i>rājánau</i> <i>ráján + au</i>	{ राज्ञानस् <i>rājánas (reges)</i> <i>ráján + as</i>
Ac.	{ राज्ञानं <i>rājánam</i> <i>ráján + am</i>	{ — <i>rājánau</i>	{ राज्ञस् <i>rájñas</i> <i>rájñ + as</i>
I.	{ राज्ञा <i>rájñá</i> <i>rájñ + á</i>	{ राज्ञभ्यां <i>rájabhyám</i> <i>rája (n dropped.57) + bhyám</i>	{ राजभिस् <i>rájabhis</i> <i>rája (n dropped. 57) + bhis</i>
D.	{ राज्ञे <i>rájñe</i> <i>rájñ + e</i>	{ — <i>rájabhyám</i>	{ राजभ्यस् <i>rájabhyas</i> <i>rája (n dropped.57) + bhyas</i>
Ab.	{ राज्ञस् <i>rájñas</i> <i>rájñ + as</i>	{ — <i>rájabhyám</i>	{ — <i>rájabhyas</i>
G.	{ — <i>rájñas</i>	{ राज्ञोस् <i>rájños</i> <i>rájñ + os</i>	{ राज्ञां <i>rájñám</i> <i>rájñ + ám</i>
L.	{ राज्ञि <i>rájñi</i> * <i>rájñ + i</i>	{ — <i>rájños</i>	{ राजसु <i>rájasu</i> <i>rája (n dropped. 57) + su</i>
V.	{ राजन् <i>rájan</i> <i>rájan. 92.</i>	{ राज्ञानौ <i>rājánau</i> <i>ráján + au</i>	{ राज्ञानस् <i>rājánas</i> <i>ráján + as</i>

Compare the Latin *rex, regem, reges, &c.*

150. According to *rájan* may be declined पीवन् *pívan*, m. f., 'fat:'. N. पीवा, पीवानौ, पीवानस्; Ac. पीवानं, पीवानौ, पीवन्स्; I. पीव्ना, &c. सोमन् m. 'a border;' वेमन् m. 'a loom' (85. 1).

So also, मूर्द्धन् *múrdhan*, m., 'the head,' makes in the inst. c. मूर्द्ध्ना; and तक्षन् m. 'a carpenter,' तक्षणा (58); and लघिमन् *laghiman*, m., 'lightness,' लघिम्ना.

* Or राजनि *rājani*.

a. When a feminine base in ई *ī* is formed from words like राजन्, it follows the same rule for the rejection of the *a* of *an*: thus, राज्ञी *rājñī*, 'a queen.'

151. There are no simple feminine nouns in *an*; but when masculine nouns are taken to form the last member of a compound adjective, they take a feminine and neuter form; as in *mahātman*, m. f. n., 'magnanimous.' The feminine form is declined precisely like the masculine, and the neuter follows the declension of neuter nouns, 152.

a. But when *rājan* is taken to form a compound of this kind, it is declined like *śiva* (103); as, N. sing. m. *mahārājas*; Ac. *mahārājam*, &c.

152. Neuter bases in अन् *an*, declined like कर्मन् 'an action,' and नामन् 'a name' (*nomen*, ὄνομα *). The retention or rejection of *a* in *an* before the inst. c. sing. and remaining vowel-terminations, as well as optionally before the nom. acc. du., is determined by the same rule as in masculines (146); and the only difference between masculine and neuter nouns is in the nom. and acc. cases, sing., du., and pl.: thus,

N. Ac. कर्मन्, कर्मणी, कर्माणि; I. कर्मणा, &c.; D. कर्मणे, &c., like आत्मन्.

N. Ac. नामन्, नाम्नी or नामनी, नामानि; I. नाम्ना, &c.; D. नाम्ने, &c., like राजन्. With *námnám* compare Latin *nominum*.

153. So also the neuter nouns जन्मन्, वेश्मन्, अश्मन्, वर्मन्, वर्त्मन्, चर्मन्, छत्रन्, follow the declension of *karman*; but दामन्, सामन्, धामन्, व्योमन्, रोमन् (for रोमन् *rohman*, from *ruh*), प्रेमन्, that of *náman*.

154. When neuters in *an* compose the last member of compound adjectives, they may take the masc. or fem. form: thus, विष्णुशर्मनामा पण्डितः 'a Paṇḍit named Vishṇuśarma.'

155. There are a few anomalous nouns in *an*: अश्न् m. 'a dog' (*canis*, κύνων); युवन् m. 'a youth'; मघवन् m. 'a name of Indra:' thus declined:

N. अशा, अशानौ, अशानस्; Ac. अशानं, अशानौ, अशानस्; I. अशाना, अशान्यां, अशानिस्; D. अशाने, &c.; Ab. अशानस्, &c.; G. अशानस् (κυνός), अशानोस्, अशानां; L. अशानि, अशानोस्, अशानु. See 135. a. Fem. अशानी, &c. (like *nadī*).

N. युवा, -वानौ, -वानस्; Ac. -वानं, -वानौ, यूनस्; I. यूना, युवभ्यां, युवभिस्; D. यूने, &c.; Ab. यूनस्, &c.; G. यूनस्, यूनोस्, यूनां; L. यूनि, यूनोस्, युवसु. See 135. a. Fem. यूनी or युवती (like *nadī*). Neut. युव, यूनी, युवानि, &c.

N. मघवा, -वानौ, -वानस्; Ac. -वानं, -वानौ, मघोनस्; I. मघोना, मघवभ्यां, -वभिस्; D. मघोने, मघवभ्यां, &c.; Ab. मघोनस्, &c.; G. मघोनस्, मघोनोस्, मघोनां; L. मघोनि, मघोनोस्, मघवसु. Fem. मघोनी.

The last may also be declined like a noun in *vat*. See 140.

* Greek has a tendency to prefix vowels to words beginning with consonants in the cognate languages. Compare also *nakha*, 'nail,' ὄνυξ; *loghu*, 'light,' ἔλαχυν; भ्रू 'brow,' ὄφρυ.

156. अहन् n., 'a day,' takes its form, before the consonantal-terminations, from an obsolete base, अहस् *ahas*: thus, N. Ac. अहम् (43. a), अह्नी or अहनी, अहानि; I. अह्ना, अहोभ्यां, अहोभिस्; D. अह्ने, अहोभ्यां, अहोभ्यस्; Ab. अह्म, &c.; G. अह्म, अहोस्, अह्नां; L. अह्नि or अहनि, अहोस्, अहःसु.

a. दिवन् m., 'a day,' in those cases where the *a* of *an* is rejected, lengthens the *i*: thus, Ac. pl. दीवस्; I. दीव्वा, &c.

157. अर्यमन् m. 'the sun,' पूषन् m. 'the sun,' and ब्रह्मन् m. 'the murderer of a Brahman,' are analogous in not lengthening the *a* of *an* before the N. du. pl., Ac. sing. du.: thus, N. अर्यमा, अर्यमणौ, अर्यमणस्; Ac. अर्यमणं, अर्यमणौ, अर्यमणस्; I. अर्यमणा, &c. Similarly, N. पूषा, &c.; but the acc. pl., and remaining vowel-terminations, may be optionally formed from a base पूष्: thus, Ac. pl. पूषास् or पूषस्. Similarly, N. ब्रह्महा, ब्रह्महणौ, &c.; but in Ac. pl. ब्रह्मस्; I. ब्रह्मणा, ब्रह्महभ्यां, &c.

158. अर्वन् m. 'a horse,' or m. f. n. 'low,' 'vile,' is declined like nouns in *vat* at 140, excepting in N. sing.: thus, N. अर्वा, अर्वन्तौ, अर्वन्तस्; Ac. अर्वन्तं, &c.

159. Masculine bases in इन् *in*, declined like धनिन् *dhanin*, m., 'rich.'

The *i* of *in* is lengthened in N. sing., and the *n* rejected before all the consonantal-terminations.

N.	{ धनी <i>dhaní</i> <i>dhaní</i> (<i>n</i> and <i>s</i> rejected. 43. a, 57.)	धनिनौ <i>dhanināu</i> <i>dhanin + au</i>	धनिनस् <i>dhaninas</i> <i>dhanin + as</i>
Ac.	{ धनिनं <i>dhaninam</i> <i>dhanin + am</i>	— <i>dhanināu</i>	— <i>dhaninas</i>
I.	{ धनिना <i>dhaninā</i> <i>dhanin + á</i>	धनिभ्यां <i>dhanibhyám</i> <i>dhaní</i> (<i>n</i> dropped. 57) + <i>bhyám</i>	धनिभिस् <i>dhanibhis</i> <i>dhaní</i> (<i>n</i> dropped. 57) + <i>bhis</i>
D.	{ धनिने <i>dhanine</i> <i>dhanin + e</i>	— <i>dhanibhyám</i>	धनिभ्यस् <i>dhanibhyas</i> <i>dhaní</i> (<i>n</i> dropped. 57) + <i>bhyas</i>
Ab.	{ धनिनस् <i>dhaninas</i> <i>dhanin + as</i>	— <i>dhanibhyám</i>	— <i>dhanibhyas</i>
G.	{ — <i>dhaninas</i>	धनिनोस् <i>dhaninos</i> <i>dhanin + os</i>	धनिनां <i>dhaninám</i> <i>dhanin + ám</i>
L.	{ धनिनि <i>dhanini</i> <i>dhanin + i</i>	— <i>dhaninos</i>	धनिषु <i>dhanishu</i> <i>dhaní</i> (<i>n</i> dropped. 57) + <i>su</i> . 70.
V.	{ धनिन् <i>dhanin</i> <i>dhanin</i> . 92.	धनिनौ <i>dhanināu</i> <i>dhanin + au</i>	धनिनस् <i>dhaninas</i> <i>dhanin + as</i>

Observe—A great many adjectives of the forms explained at 85. VI. VII. are declined like धनिन् for the masculine: thus, मेधाविन् *medhávín*, 'intellectual'; N. मेधावी, -विनौ, -विनस्, &c. Also a vast number of nouns of agency, like कारिन् 'a doer,' at 85. V: thus, N. कारी, कारिणौ (58), कारिणस्, &c.

160. The feminine base of such adjectives and nouns of agency is formed by adding ई ई to the masc. base; as, from धनिन्, धनिनी f.; from कारिन्, करिणी f.; declined like *nadí* at 106: thus, N. धनिनी, -न्यौ, -न्यस्, &c.

161. The neuter conforms in every respect to the declension of *vári* at 114: thus, N. Ac. धनि, धनिनी, धनीनि.

162. पथिन् m. 'a road,' मथिन् m. 'a churning-stick,' and ऋभुक्षिन् m. 'a name of Indra,' are remarkable as exhibiting both affixes, *an* and *in*, in the same word. They form their N. sing. from the bases पन्थस्, मन्थस्, ऋभुक्षस्; their N. du. pl., Ac. sing. du., from the bases पन्थन्, मन्थन्, ऋभुक्षन्; their Ac. pl., and remaining vowel-terminations, from the bases पथ्, मथ्, ऋभुक्ष्: thus, N. पन्थास् (163), पन्थानी, पन्थानस्; Ac. पन्थानं, पन्थानी, पथस्; I. पथा, पथिभ्यां, पथिभिस्; D. पथे, &c.

The compound सुपथिन्, 'having a good road,' is similarly declined for the masc.; the nom. fem. is सुपथी, -थ्यौ, -थ्यस्, like *nadí* at 106; the nom. neut. सुपथि, -पथी, -पन्थानि, &c.

SEVENTH CLASS OF NOUNS DECLINED.

Masculine, feminine, and neuter bases in अस् as, इस् is, and उस् us.

Note, that this class answers to Greek and Latin words like *πάθος, μένος, genus, scelus*, &c.

163. Masculine and feminine bases in अस् *as*, declined like चन्द्रमस् *chandramas*, m., 'the moon.'

The *a* of *as* is lengthened in N. sing.

N.	{ चन्द्रमास् <i>chandramás</i> <i>chandramás</i> (s rejected. 43.a.)	चन्द्रमसौ <i>chandramasau</i> <i>chandramas + au</i>	चन्द्रमसस् <i>chandramasas</i> <i>chandramas + as</i>
Ac.	{ चन्द्रमसं <i>chandramasam</i> <i>chandramas + an</i>	— <i>chandramasau</i>	— <i>chandramasas</i>
I.	{ चन्द्रमसा <i>chandramasá</i> <i>chandramas + á</i>	चन्द्रमोभ्यां <i>chandramobhyám</i> <i>chandramas + bhyám</i> . 65.	चन्द्रमोभिस् <i>chandramobhis</i> <i>chandramas + bhis</i> . 65.
D.	{ चन्द्रमसे <i>chandramase</i> <i>chandramas + e</i>	— <i>chandramobhyám</i>	चन्द्रमोभ्यस् <i>chandramobhyas</i> <i>chandramas + bhyas</i> . 65.
Ab.	{ चन्द्रमसस् <i>chandramasas</i> <i>chandramas + as</i>	— <i>chandramobhyám</i>	— <i>chandramobhyas</i>
G.	{ — <i>chandramasas</i>	चन्द्रमसोस् <i>chandramasos</i> <i>chandramas + os</i>	चन्द्रमसां <i>chandramasám</i> <i>chandramas + ám</i>
L.	{ चन्द्रमसि <i>chandramasi</i> <i>chandramas + i</i>	— <i>chandramasos</i>	चन्द्रमःसु <i>chandramahsu</i> or -सु <i>chandramas + su</i> . 62. a, 63.
V.	{ चन्द्रमस् <i>chandramas</i> <i>chandramas</i> . 92.	चन्द्रमसौ <i>chandramasau</i> <i>chandramas + au</i>	चन्द्रमसस् <i>chandramasas</i> <i>chandramás + as</i>

a. After the same manner is declined **अप्सरस्** *apsaras*, f., 'a nymph.'

164. Neuter bases in **अस्** *as*, declined like **मनस्** *manas*, n., 'the mind' (**μένος**, *mens*).

These only differ from the masc. and fem. in the N. and Ac. The *a* of *as* is lengthened in the N. plur. instead of the N. sing. **न्** *n* is inserted before *s* in the N. plur.

N. Ac.V.	{ मनस् <i>manas</i>	मनसी <i>manasī</i>	मनांसि <i>manānsi</i>
	{ <i>manas</i> (<i>s</i> rejected. 43. a.)	<i>manas + ī</i>	<i>manāns + i</i>

I. **मनसा** *manasá*, &c., like the masc. and fem.

a. Observe—Nearly all simple substantives in *as* are neuter like *manas*; but when these neuters are taken to form a compound adjective, they are declinable also in the masculine and feminine like *chandramas*. Thus, when *manas* is taken to form the compound adjective *mahámanas*, 'magnanimous,' it makes in the nom. (masc. and fem.) *mahámanás*, *mahámanasau*, *mahámanasas*. In the same way are formed *sumánas*, 'well-intentioned,' *durmanas*, 'evil-minded' (nom. *sumánás*, *durmanás*, &c.); to which a remarkable analogy is presented by the Greek **εὐμενής** and **δυσμενής**, m. f., making in neut. **εὐμενές**, **δυσμενές**, derived from **μένος** *.

165. Neuter bases in **इस्** *is* and **उस्** *us* (see 68. a) are declined analogously to **मनस्** *manas* at 164, *i* and *u* being substituted for *a* throughout; and therefore **ष** *sh* for **स** *s* (70), and **र** *r* for **ओ** *o* (64): thus, **हविस्** *havis*, n., 'ghee:' N. Ac.V. **हविस्**, **हविषी**, **हवींषि**; I. **हविषा**, **हविर्भ्यां**, **हविर्भिस्**; D. **हविषे**, **हविर्भ्यां**, **हविर्भ्यस्**; Ab. **हविषम्**, **हविर्भ्यां**, **हविर्भ्यस्**; G. **हविषम्**, **हविषोस्**, **हविषां**; L. **हविषि**, **हविषोस्**, **हविःपु** or **-प्पु**.

a. Similarly, **चक्षुस्** *chakshus*, n., 'the eye:' N. Ac.V. **चक्षुस्**, **चक्षुषी**, **चक्षूषि**; I. **चक्षुषा**, **चक्षुर्भ्यां**, **चक्षुर्भिस्**; D. **चक्षुषे**, **चक्षुर्भ्यां**, **चक्षुर्भ्यस्**; Ab. **चक्षुषम्**, **चक्षुर्भ्यां**, **चक्षुर्भ्यस्**; G. **चक्षुषम्**, **चक्षुषोस्**, **चक्षुषां**; L. **चक्षुषि**, **चक्षुषोस्**, **चक्षुःपु** or **-प्पु**.

166. All nouns formed with the affixes *is* and *us* are neuter. There are two, however, in which the final sibilant is part of the root itself, and not of an affix; viz. **आशिस** *ásis*, f., 'a blessing' (from the root **शास्**), and **सजुस्** m. f. 'an associate' (from **जुप्**). These follow the analogy of masc. and fem. nouns in *as* (163) in the N. Ac. cases; and, moreover, before the consonantal-terminations, where the final sibilant is changed to *r*, unlike nouns formed with *is* and *us*, they lengthen the *i* and *u* (compare nouns ending in *r* at 180): thus, N. **आशीस्**, **-शिषौ**, **-शिपस्**; Ac. **-शिषं**, **-शिषौ**, **-शिपस्**; I. **-शिषा**, **-शीर्भ्यां**, **-शीर्भिस्**, &c. Again, N. **सजूस्**, **-जुषौ**, **-जुपस्**; Ac. **-जुषं**, &c.; I. **-जुषा**, **-जूर्भ्यां**, &c. Nouns formed from desiderative bases (497), such as **जिगदिस्** 'desirous of speaking,' are similarly declined. But desiderative nouns of the form **पिपद्य्**, **विविद्य्**, reject the sibilant in the consonantal-cases, and are declined in those cases as if ending in **च्** and **श्**, the finals of their roots. Compare 43. a.

* Bopp's Comparative Grammar, § 146.

a. Observe—When neuter nouns in *is* or *us* are taken for the last member of compound adjectives, they are declinable in the masc. and fem. according to the analogy of *chandramas* at 163: thus, उत्पलचक्षुस् m. f. n., 'having lotus eyes,' makes N. masc. and fem. उत्पलचक्षुस्, उत्पलचक्षुषौ, उत्पलचक्षुषम्; and शुचिरोचिस् m. f. n., 'having brilliant rays,' N. masc. and fem. शुचिरोचीस्, शुचिरोचिषौ, शुचिरोचिषम्, &c.

b. दोस् *dos*, m., 'an arm,' follows the declension of nouns in *is* and *us*; but in Ac. pl., and remaining vowel-cases, optionally substitutes *doshau* for its base: thus, N. दोस्, -षौ, -षम्; Ac. -षं, -षौ, -षम् or -ष्णम्; I. दोषा or दोष्णा, दोष्भां, &c.

167. Adjectives in the comparative degree formed with the affix ईयस् *íyas*, m. f. n. (192), follow *chandramas* at 163, but the *a* of *as* is lengthened, and *n* inserted in N. sing. du. pl., Ac. sing. du.: thus, बलीयस्, 'more powerful,' makes N. बलीयान् (for *baliyáns*, *s* rejected by 43. a), -यांसौ, -यांसम्; Ac. -यांसं, -यांसौ, -यसम्; I. -यसा, -योभ्यां, &c.; V. -यन्. The fem. बलीयसी follows *mati* at 106. The neut. बलीयस् is like *manas* throughout.

168. Participles of the 2d preterite, formed with *ras*, are similarly declined in N. sing. du. pl., Ac. sing. du. But in Ac. pl., and remaining vowel-cases, *ras* becomes *ush*, and in the consonantal-cases *rat*; so that there are three forms of the base, viz. in *rásu*, *ush*, and *rat**: thus, विविद्वस् (part. of 2d pret., from विद् 'to know'): N. विविद्वान्, विविद्वंसौ, विविद्वंसम्; Ac. विविद्वंसं, विविद्वंसौ, विविद्वपस्; I. विविद्वपा, विविद्वद्भ्रां, विविद्वद्भिस्; D. विविद्वपे, &c. When this participle is formed with *iras* instead of *ras*, the vowel *i* is usually rejected in the cases where *ras* becomes *ush*: thus, जग्मिवस् (from *gam*, 'to go'): N. जग्मिवान्, &c.; Ac. जग्मिवंसं, जग्मिवंसौ, जग्मुषस्, &c.; I. जग्मुषा, &c. Similarly, *tenivas* (from *tan*, 'to stretch'): N. *teniván*, *tenivánsau*, &c.; Ac. *tenivánsam*, *tenivánsau*, *tenushas*, &c. But not when the *i* is part of the root: thus, चिचिवस् (from चि), निनीवस् (from नी), चकृवस् (from कृ), make in the Ac. pl. चिच्युपस्, निन्युपस्, चक्रुषस्. The N. feminine of these participles is formed from *ush*; and the N. Ac. neuter, sing., du., and plur., from *rat*, *ush*, and *ras*, respectively: thus, N. fem. विविद्वपी. &c., declined like *nadí* at 106. Similarly, from the root तुप् comes तुतुपुपी (compare *τετυφύια*). The neuter is N. विविद्वत्, -द्वपी, -द्वंसि. Those formed with *ivas* do not retain *i* in the feminine: thus, *tenivas*; N. masc. fem. neut. *teniván*, *tenushí*†, *tenivas*.

a. The root विद्, 'to know,' has an irregular pres. part. विद्वस् *vidwas*, used commonly as an adjective ('learned'), and declined exactly like विविद्वस् above, leaving out the reduplicated *vi*. With reference to 308. a, it may be observed, that as a contracted 2d pret. of *vid* is used as a present tense, so a contracted participle of the 2d pret. is used as a present participle.

* *Vat* is evidently connected with the Greek *στ*. Compare *tutuprat* (from *tup*) with *τετυφ-(F)στ*, and *tutupratsu* with *τετυφ-σ(τ)σι*.

† There seems, however, much difference of opinion as to the rejection of *i*; and some grammarians make the feminine *tenyushí*, and the I. masc. *tenyushá*.

169. पुंस् m., 'a male,' forms N. sing. du. plur., Ac. sing. du., from पुनस्; but Ac. pl., and remaining vowel-cases, from पुंस्; and I. du., and remaining consonantal-cases, from पुम्: thus, N. पुमान्, पुमांसौ, पुमांसस्; Ac. पुमांसं, पुमांसौ, पुंसस्; I. पुंमा, पुभ्यां, पुम्भिस्; D. पुंमे, &c.; Ab. पुंमस्, &c.; G. पुंसस्, पुंसोस्, पुंसां; L. पुंसि, पुंसोस्, पुंसु; V. पुमन्, &c.

170. उशनस् m., 'a name of the planet Venus,' forms N. sing. उशना from a base उशनन् (147). Similarly, पुरुदेशस् m., 'a name of Indra,' and अनेहस् m., 'time.' The other cases are regular. उशनस्, however, may be optionally उशनन् in the vocative.

171. जरस्, f. 'decay' (γῆρας), forms its consonantal-cases from a base जरा; thus, N. sing. जरा (105); I. sing. du. जरसा, जराभ्यां, &c.

EIGHTH CLASS OF NOUNS DECLINED.

Masculine, feminine, and neuter bases in any consonant, except त् t and द् d, न् n, स् s.

Note, that examples of Latin and Greek nouns answering to this class are common. See 87.

172. Observe—This class consists principally of roots used as nouns, either alone or at the end of compounds, or preceded by prepositions and adverbial prefixes. Roots ending in त् t and द् d, employed in this manner, are of common occurrence; but their declension falls under the fifth class at 136. Roots ending in other consonants are not very frequently found, and the only difficulty in their declension arises from their combination with the consonantal-terminations. See 92. a.

173. Whatever change, however, takes place in the nom. sing. is preserved before all the consonantal-terminations; remembering only, that before such terminations the rules of Sandhi come into operation.

174. Before the vowel-terminations the final consonant of the root, whatever it may be, is always preserved (41. b). If in one or two nouns there may be any peculiarity in the formation of the acc. pl., the same peculiarity runs through the remaining vowel-cases. The terminations themselves undergo no change, but the s of the nom. sing. is of course rejected by 43. a. There is but one form of declension for both masc. and fem.; the neuter follows the analogy of other nouns ending in consonants at 137.

175. Masculine and feminine bases in क् k, ख् kh, ग् g, घ् gh, declined like सर्वशक् sarva-śak, m. f., 'omnipotent' (from sarva, 'all,' and शक् 'to be able'),

and चित्‌लिख् m. 'a painter' (from चित्र 'a painting,' and लिख् 'to write'). N.V. -शक् (43. a), -शकौ (41. b), -शकस्; Ac. -शकं, -शकौ, -शकस्; I. -शका, -शग्भ्यां (41), -शग्भिस्, &c.; L. pl. -शकसु (40) or -शक्षु (70). N.V. -लिक् (43. b, 43. a), -लिखौ (174), -लिखस्; Ac. -लिखं, &c.; I. -लिखा, -लिग्भ्यां (41), -लिग्भिस्, &c.; L. pl. -लिक्सु (40).

a. The neuter is N. Ac.V. -शक्, -शकी, -शक्नि, &c.; -लिक्, -लिखी, -लिक्नि, &c.: the rest like the masc. and fem.

176. Masculine and feminine bases in च् ch, छ् chh, ज् j, झ् jh, declined like वाच् rách, f., 'speech' (from वच् 'to speak'); मांसभुज् mánsa-bhuj, m. f., 'flesh-eater' (from मांस mánsa, 'flesh,' and भुज् 'to eat'); प्राङ् práchh, m. f., 'an asker' (from प्रङ् 'to ask'). A final च् ch is changed to क् k, a final ज् j to ग् g, a final छ् chh to ट् t, before the consonantal-terminations (43. d, 92. a). Compare the declension of rách with that of the Latin vox, and the Greek ῥῶψ or ῥῶπ for Fov.

N. V. वाक् (for váks, 43. a; vox, ῥῶψ), वाचौ (ῥῶε), वाचस् (voces, ῥῶεσ); Ac. वाचं (vocem), वाचौ, वाचस् (ῥῶαs); I. वाचा, वाग्भ्यां, वाग्भिस्; D. वाचे, वाग्भ्यां, वाग्भ्यस्; Ab. वाचस्, वाग्भ्यां, वाग्भ्यस्; G. वाचस्, वाचोस्, वाचां; L. वाचि (ῥῶί), वाचोस्, वाक्सु or वाक्षु.

N. V. -भुक्, -भुजौ, -भुजस्; Ac. -भुजं, &c.; I. -भुजा, -भुग्भ्यां, -भुग्भिस्, &c.

N. V. प्राट्, प्राक्षौ, प्राक्षस्; Ac. प्राक्षं, &c.; I. प्राक्षा, प्राक्ष्यां, &c.; L. pl. प्राट्सु.

The last optionally substitutes श् s for its final छ् chh before the vowel-terminations: thus, N. du. प्राक्षौ or प्राक्षौ, &c. पयोमुच्, 'a cloud,' is declined like वाच्.

a. The neuter is N. Ac. वाक्, वाची, वाच्चि, &c.; भुक्, भुजी, भुच्चि, &c.; प्राट्, प्राक्षी, प्राक्षि, &c.

b. The root अच् añch, 'to go,' preceded by certain prepositions and adverbial prefixes, forms a few irregular nouns; such as, प्राञ्च 'eastern;' अवाञ्च 'southern;' प्रत्यञ्च 'western;' उदञ्च 'northern;' सम्यञ्च 'going with,' 'fit,' 'proper;' तिर्यञ्च 'going crookedly, as an animal;' and a few others less common. These reject the nasal in the acc. pl. and remaining cases masculine. In nom. sing. the final च् ch being changed to क् k, causes the preceding nasal to take the guttural form, and the क् is rejected by 43. a. In the acc. plur., and remaining vowel-cases, there is a further modification of the base in all, excepting प्राञ्च and अवाञ्च.

N. V. masc. प्राङ्, प्राक्षौ, प्राक्षस्; Ac. प्राक्षं, प्राक्षौ, प्राचस्; I. प्राचा, प्राग्भ्यां, प्राग्भिस्; D. प्राचे, &c.; L. pl. प्राक्षु. Similarly, अवाञ्च.

N.V. प्रत्यङ्, प्रत्यक्षौ, प्रत्यक्षस्; Ac. प्रत्यक्षं, प्रत्यक्षौ, प्रतीचस्; I. प्रतीचा, प्रत्यग्भ्यां, प्रत्यग्भिस्; D. प्रतीचे, &c. Similarly, उदञ्च and सम्यञ्च, which make in acc. pl. and remaining vowel-cases, उदीचस्, समीचस्. But तिर्यञ्च makes in acc. pl., &c., तिरश्चस्.

The feminine, and the neut. dual of these nouns follow the analogy of the acc. pl.: thus, N. fem. प्राची &c., अवाची &c., प्रतीची &c., उदीची &c., समीची &c., तिरश्ची &c., declined like नदी. The neuter is N. Ac.V. प्राक्, प्राची, प्राच्चि, &c.; प्रत्यक्, प्रतीची, प्रत्यच्चि, &c.

c. प्राञ्च, when it signifies 'worshipping,' retains the nasal throughout; but *ch* is rejected before the consonantal-terminations, and the nasal then becomes guttural: thus, N. प्राङ्, प्राञ्चौ, &c.; Ac. प्राञ्चं, &c.; I. प्राञ्चा, प्राङ्भ्यां, &c.

d. असृज् n., 'blood,' is regular: thus, N. Ac. असृक्, असृजी, असृज्नि, &c.; but it may optionally take the acc. plur., inst. and dat. sing.; and, according to some authorities, all its other inflexions from an obsolete base, असन् *asan*. thus, Ac. pl. असृज्नि or असानि; I. sing. असृजा or अजा, &c.

e. Nouns formed with the roots यञ् 'to worship,' राज् 'to shine,' मृज् 'to rub,' भाज् 'to shine,' व्रज् 'to wander,' सृज् 'to create,' change the final ज् to ट् or ड् before the consonantal-terminations (43. d). In some, however, the final optionally becomes क् *k* or ग् *g*: thus, देवेज् m. 'a worshipper of the gods' (यञ् becoming इज्); N. sing. देवेट् or देवेड्; राज् m. 'a ruler;' N. sing. राट्, I. dual राड्भ्यां; परिमृज् 'a cleanser;' N. sing. परिमृट्; विभाज् m. f. 'splendid;' N. sing. विभाट्; परिव्राज् m. 'a religious mendicant;' N. sing. परिव्राट्; विश्वमृज् 'the creator of the world;' N. sing. विश्वमृट् or विश्वमृक्. ऋत्विज् m., 'a priest,' is regularly ऋत्विक्.

f. अवयज् m., 'an inferior sacrificer,' lengthens the *a* of *yaj* in the N. sing. and in the vowel-cases, and forms the consonantal-cases from an obsolete base, अवयम्; N. sing. du. pl. अवयाम्, -याजौ, -याजस्; Ac. -याजं, &c.; I. -याजा, -योभ्यां, &c.

g. भस्ज् or भञ्ज्, 'one who fries,' makes N.V. भृट्, भृज्जौ, भृज्जस्; Ac. भृज्जं, &c. Similarly, द्रश् 'one who cuts.'

h. ऊर्ज्ज् m. f., 'strong,' makes N.V. ऊर्क्, &c.; Ac. ऊर्ज्जं, &c.; I. ऊर्ज्जा, ऊर्ज्यां, &c. The neuter is N. Ac. V. ऊर्क्, ऊर्ज्जी, ऊर्ज्जि *urjji*.

177. Masculine and feminine bases in य् *th*, ध् *dh*, declined like क्य् m. f. 'one who tells,' युध् f. 'battle.' The final aspirate is changed to its unaspirated form before the consonantal-terminations (43. b, 41), but not before the vowel (41. b). N.V. कत्, कथौ, कथस्; Ac. कथं, &c.; I. कथा, कथां, &c. N.V. युत्, युधौ, युधस्; Ac. युधं, &c.; I. युधा, युधां, &c. In the case of a root like बुध् m. f., 'one who knows,' the initial ब *b* becomes भ *bh* wherever the final ध् *dh* becomes *t* or *d*, by 42. c: thus, N.V. भुत्, बुधौ, बुधस्; Ac. बुधं, &c.; I. बुधा, भुधां, &c.

a. The neuter is N. Ac. V. कत्, कथी, कन्थि, &c.; युत्, युधी, युन्थि, &c.

178. Masculine and feminine bases in प् *p*, फ् *ph*, व् *b*, भ् *bh*, declined like गुप् m. f. 'one who defends,' लभ् m. f. 'one who obtains.' N.V. गुप्, गुपौ, गुपस्; Ac. गुपं, &c.; I. गुपा, गुप्यां, गुप्भिस्, &c. N.V. लप्, लभौ, लभस्; Ac. लभं, &c.; I. लभा, लभ्यां, लप्भिस्, &c.

a. The neuter is N. Ac. V. गुप्, गुपी, गुप्थि, &c.; लप्, लभी, लप्थि, &c.

b. अप् f. 'water,' declined only in the plural, is irregular: thus, N.V. आपस्; Ac. अपस्; I. अद्भिस्; D. Ab. अद्भिस्; G. अपां; L. अप्पु.

179. Masculine and feminine bases in स् *m*, declined like शम् m. f. 'one who pacifies.' The final *m* becomes *n* before the consonantal-terminations: thus, N.V. शन्, शनौ, शमस्; Ac. शनं, &c.; I. शना, शन्यां, शन्भिस्, &c.; L. pl. शन्सु.

a. Similarly, प्रशाम् m. f., 'quiet,' makes N. प्रशान्, -शामी, -शामस्; Ac. प्रशामं, &c.; I. प्रशामा, प्रशान्भ्यां, &c. Compare 53. b.

b. The neuter is N. Ac. V. शन्, शमी, शमि, &c.; प्रशान्, -शामी, -शामि, &c.

180. Masculine and feminine bases in र r, declined like चर् m. f. 'one who goes,' गिर् f. 'speech.' If the vowel that precedes final r be i or u, it is lengthened before the consonantal-terminations (compare 166); and final r, being a radical letter, does not become Visarga before the s of the loc. pl. (71. a). N. V. चर्, चरौ, चरस्; Ac. चरं, &c.; I. चरा, चर्यां, चभिस्, &c.; L. pl. चर्षु. N. V. गीर्, गिरौ, गिरस्; Ac. गिरं, &c.; I. गिरा, गीर्भ्यां, गीर्भिस्, &c.; L. pl. गीर्षु.

a. The neuter is N. Ac. V. चर्, चरी, चरि, &c.; गीर्, गिरी, गिरि, &c.

b. There is one irregular noun ending in the semivowel व v, viz. दिव् f. 'the sky,' which makes its base द्यौ in N. sing., and द्यु in the other consonantal-cases: thus, N. V. द्यौस्, दिवौ, दिवस्; Ac. दिवं or द्यां, दिवौ, दिवस्; I. दिवा, द्युभ्यां, द्युभिस्, &c.

181. Masculine and feminine bases in श् s and ष sh, declined like विश् m. f. 'one who enters,' दिश् f. 'a quarter of the sky,' द्विष् m. f. 'one who hates,' मृष् m. f. 'one who endures.' N. V. विट् (43. e), विशौ, विशस्; Ac. विशं, &c.; I. विशा, विड्भ्यां, &c. N. V. दिक् (43. e, 17. b), दिशौ, दिशस्; Ac. दिशं, &c.; I. दिशा, दिग्भ्यां, &c. N. V. द्विट् (43. e), द्विषौ, द्विषस्; Ac. द्विषं, &c.; I. द्विषा, द्विड्भ्यां, &c. N. V. मृक् (43. e), मृषौ, मृषस्; Ac. मृषं, &c.; I. मृषा, मृग्भ्यां, &c.

a. The neuter is N. Ac. V. विट्, विशी, विंशि, &c.; दिक्, दिशी, दिंशि, &c.; द्विट्, द्विषी, द्विंषि, &c.; मृक्, मृषी, मृंषि, &c.

182. Masculine and feminine bases in ह h, declined like लिह् m. f. 'one who licks;' दुह् m. f. 'one who milks.' In roots beginning with द d, the final aspirate becomes क् k or ग् g (see 17. a), in other roots ट् t or ड् d, before the consonantal-terminations; but in roots whose initial is d, the h, which disappears as a final, is transferred to the initial d, which becomes dh wherever final h becomes k or g (compare 42. c). N. V. लिट् (43. c), लिहौ, लिहस्; Ac. लिहं, &c.; I. लिहा, लिड्भ्यां, &c. N. V. धुक्, दुहौ, दुहस्; Ac. दुहं, &c.; I. दुहा, धुग्भ्यां, धुग्भिस्, &c. But दुह् m. f., 'one who injures,' makes N. धुक् or धुट्; and मुह् m. f., 'foolish,' N. मुक् or मुट्.

a. The neuter is N. Ac. V. लिट्, लिही, लिंहि, &c.; धुक्, दुही, दुंहि, &c.

b. उष्णिह् f., 'a particular kind of metre,' changes its final to k or g before the consonantal-terminations, like roots beginning with d. N. उष्णिक्, उष्णिहौ, &c.

c. वाह्, 'bearing' (from the root वह् 'to bear'), changes वा to ऊ u in the acc. plur. and remaining vowel-cases, and before the ई i of the fem.; and if the word that precedes it in the compound ends in a or á, then a or á combines with u into औ au (instead of औ o, by 32): thus, भारवाह् m. f. 'one who bears a burden:' N. V. masc. भारवाट्, भारवाहौ, भारवाहस्; Ac. भारवाहं, भारवाहौ, भारौहस्; I. भारौहा, भारवाड्भ्यां, &c. N. fem. भारौही, &c. But शालिवाह्, 'bearing rice,' makes in Ac. pl. &c. शाल्यहस्.

श्वेतवाह् m., 'Indra' (who is borne by white horses), may optionally retain वा in Ac. plur. &c.; and in consonantal-cases is declined as if the base were श्वेतवस्; thus, N.V. श्वेतवास्, श्वेतवाहौ, श्वेतवाहम्; Ac. श्वेतवाहं, श्वेतवाहौ, श्वेतौहम् or श्वेतवाहम्; I. श्वेतौहा or श्वेतवाहा, श्वेतवोभ्यां, श्वेतवोभिम्, &c.

d. अनडुह् m., 'an ox' (for अनोवाह्, from अनस् 'a cart,' and वाह् 'bearing'), forms the N.V. sing. from अनडुत्; and N. du. plur., Ac. sing. du., from अनडुह्; thus, N. अनडुान्, अनडुाहौ, अनडुाहम्; Ac. अनडुाहं, अनडुाहौ, अनडुहम्; I. अनडुहा, अनडुह्यां, अनडुहिम्, &c.; L. pl. अनडुत्सु; V. अनडुन्. At the end of compounds this word makes fem. N. sing. अनडुही; neut. N.V. अनडुत्, अनडुही, अनडुाहि.

e. नह्, 'binding,' 'tying,' at the end of compounds, changes the final to त् or ह्, instead of ट् or ड्: thus, उपानह् f., 'a shoe,' makes N. उपानत्, उपानहौ, उपानहम्; Ac. उपानहं, &c.; I. उपानहा, उपानह्यां, &c. Compare 306. b.

183. Masculine and feminine bases in more than one final consonant, declined like वल्ग m. f., 'one who leaps:': N.V. वल् (43. a), वल्गौ, वल्गम्; Ac. वल्गं, &c.; I. वल्गा, वल्ग्यां, &c.

a. The neuter is N. Ac.V. वल्, वल्गी, वल्गि, &c.

b. गोरह्, 'a cow-keeper,' makes N.V. गोरक् or गोरट्, &c.

SECTION III.

ADJECTIVES.

184. The declension of substantives includes that of adjectives; and, as already seen, the three examples of substantives, given under each class, serve as the model for the three genders of adjectives falling under the same class. Simple adjectives, coming immediately from roots, and not derived from substantives, are not common. Such as do occur belong chiefly to the first, second, and third classes of nouns; 80, 81, 82.

185. Adjectives *formed from substantives* are very numerous, as may be seen by a reference to 80, 84, 85. They belong chiefly to the first, fifth, and sixth classes of nouns.

186. Compound adjectives, whether formed by using roots or substantives at the end of compounds, are most abundant under every one of the eight classes.

The following table exhibits examples of the most common kind of adjectives in the nom. case masc., fem., and neut., and indicates the class to which their declension is to be referred.

187.

Examples of simple adjectives.

	BASE.	NOM. MASC.	NOM. FEM.	NOM. NEUT.
1ST CLASS.	प्रिय 'dear'	प्रियम्*	प्रिया	प्रियं
	शुभ 'fortunate'	शुभम्	शुभा	शुभं
	सुन्दर 'beautiful'	सुन्दरम्	सुन्दरा or सुन्दरी	सुन्दरं
2D CLASS.	शुचि 'pure'	शुचिम्	शुचिम्	शुचि
3D CLASS.	पाशु 'pale'	पाशुम्	पाशुम्	पाशु
	साधु 'good'	साधुम्	साधुम् or साध्वी 106.	साधु
	मृदु 'tender'	मृदुम्	मृद्वी	मृदु
	भीरु 'timid'	भीरुम्	भीरुम् or भीरुस् 125.	भीरु

188.

Examples of adjectives formed from substantives.

	BASE.	NOM. MASC.	NOM. FEM.	NOM. NEUT.
1ST CLASS.	मानुष 'human'	मानुषम्	मानुषी	मानुषं
	धार्मिक 'religious'	धार्मिकम्	धार्मिकी	धार्मिकं
5TH CLASS.	बलवत् 'strong'	बलवान्	बलवती 106.	बलवत्
	श्रीमत् 'prosperous'	श्रीमान्	श्रीमती 106.	श्रीमत्
6TH CLASS.	सुखिन् 'happy'	सुखी	सुखिनी 106.	सुखि

189.

Examples of compound adjectives.

	BASE.	NOM. MASC.	NOM. FEM.	NOM. NEUT.
1ST CLASS.	बहुविद्य 'very learned'	बहुविद्यम्	बहुविद्या	बहुविद्यं
2D CLASS.	दुर्बुद्धि 'foolish'	दुर्बुद्धिम्	दुर्बुद्धिम्	दुर्बुद्धि
3D CLASS.	अल्पतनु 'small bodied'	अल्पतनुम्	अल्पतनुम्	अल्पतनु
4TH CLASS.	बहुदातृ 'very liberal'	बहुदाता	बहुदात्री 106.	बहुदातृ
5TH CLASS.	सर्वजित् 'all-conquering'	सर्वजित्	सर्वजित्	सर्वजित्

* When it is remembered that *a* is equivalent in pronunciation to *u*, the three genders of this adjective might be written *priyus, priyá, priyum*; thus offering a perfect similarity to Latin adjectives in *us*.

6TH CLASS.	{ सुजन्मन् 'well-born'	सुजन्मा	सुजन्मा	सुजन्म
7TH CLASS.	{ गतचेतस् 'deprived of sense'	गतचेतास्	गतचेतास्	गतचेतस्
8TH CLASS.	{ मर्मस्पृश 'piercing the vitals'	मर्मस्पृक्	मर्मस्पृक्	मर्मस्पृक्

190. *Examples of some other compound adjectives.*

शङ्खध्मा 'a shell-blower' (108. a.)	शङ्खध्मास्	शङ्खध्मास्	शङ्खध्मं
नष्टश्री 'ruined' (123. b.)	नष्टश्रीस्	नष्टश्रीस्	नष्टश्री
खलपू 'a sweeper' (126. b.)	खलपूस्	खलपूस्	खलपु
दिव्यमातृ 'having a divine mother' (130.)	दिव्यमाता	दिव्यमाता	दिव्यमातृ
बहुरै 'rich' (134. a.)	बहुरास्	बहुरास्	बहुरि
बहुगो 'having many cattle' (134. a.)	बहुगौस्	बहुगौस्	बहुगु
बहुनौ 'having many ships' (134. a.)	बहुनौस्	बहुनौस्	बहुनु

191. The degrees of comparison are formed in two ways; 1st, by adding to the base तर *tara* (nom. *-taras*, *-tará*, *-taram*, cf. Greek *τερος*) for the comparative; and तम *tama* (nom. *-tamas*, *-tamá*, *-tamam*, cf. Latin *timus*, Greek *τατος*) for the superlative: thus, पुण्य *puṇya*, 'holy,' पुण्यतर *puṇyatara*, 'more holy,' पुण्यतम *puṇyatama*, 'most holy,' declined like nouns of the first class at 103. So also, धनावत्, 'wealthy,' धनावत्तरा, 'more wealthy,' धनावत्तमा, 'most wealthy.' A final न् is rejected; as, धानिन्, 'rich,' धानितरा, 'more rich,' धानितमा, 'most rich' (57). विद्वस्, 'wise,' makes विद्वत्तर, विद्वत्तम. Compare 168. a.

192. 2dly, by adding ईयस् *íyas* (nom. *-íyán*, *-íyasí*, *-íyas*, Greek *ἰων*, see declension at 167) for the comparative; and इष्ट *ishtha* (nom. *-ishthas*, *-ishthá*, *-ishtham*, declined at 103, cf. Greek *ιστος*) for the superlative.

a. Note, that while the base of the Sanskrit comparative affix strictly appears to end in *n* and *s* (*iyans*), the Greek has adhered to the *n* throughout (N. *íyán* = *ἰων*, voc. *íyan* = *ἰων*); and the Latin has taken the *s* for its neuter (*íyas* = *ius*, neuter of *ior*; *r* being changed to *s*, which so frequently happens). Compare Sanskrit *garíyas* with *gravius*.

193. In general, before *íyas* and *ishtha*, the base disburdens itself of a final vowel, or of the more weighty affixes *in*, *vin*, *vat*, *mat*: thus, बलिन् 'strong,' बलीयस् 'more strong' (declined at 167), बलिष्ठ 'strongest' (declined at 103); लघु 'light,' लघीयस् 'lighter,' लघिष्ठ 'lightest'; मेधाचिन् 'intelligent,' मेधीयस् 'more intelligent,' मेधिष्ठ 'most intelligent.'

Compare **खादीयान्** (N. of *swādīyas*) from *swādu* with *ḡdíων* from *ḡdú*; and **खादिष्टम्** with *ḡdīstos*.

194. But besides the rejection of the final, the base often undergoes considerable change, as in Greek (compare *ἐχθίων*, *ἐχθιστος*, from *ἐχθρός*); and its place is sometimes supplied by a substitute (compare *βελτίων*, *βέλτιστος*, from *ἀγαθός*). The following is a list of the substitutes :

POSITIVE.	SUBSTITUTE.	COMPARATIVE.	SUPERLATIVE.
अन्तिक <i>antika</i> , 'near'	नेद <i>neda</i>	नेदीयम्	नेदिष्ठ
अल्प <i>alpa</i> , 'little'	कण <i>kaṇa</i>	कणीयम्	कणिष्ठ
उरु <i>uru</i> , 'large'	वर <i>vāra</i>	वरीयम्	वरिष्ठ (<i>ḡristos</i>)
कृश <i>kṛśa</i> , 'thin'	क्रश <i>kraśa</i>	क्रशीयम्	क्रशिष्ठ
क्षिप्र <i>kshipra</i> , 'quick'	क्षेप <i>kshēpa</i>	क्षेपीयम्	क्षेपिष्ठ
क्षुद्र <i>kshudra</i> , 'small,' 'mean'	क्षोद <i>kshoda</i>	क्षोदीयम्	क्षोदिष्ठ
गुरु <i>guru</i> , 'heavy'	गर <i>gara</i>	गरीयम् (<i>grāvius</i>)	गरिष्ठ
तृप्त <i>tripra</i> , 'satisfied'	तप <i>trapa</i>	तपीयम्	तपिष्ठ
दीर्घ <i>dīrgha</i> , 'long'	द्राघ <i>drāgha</i>	द्राधीयम्	द्राघिष्ठ
दूर <i>dūra</i> , 'distant'	दव <i>dava</i>	दवीयम्	दविष्ठ
दृढ <i>drīḍha</i> , 'firm'	द्रढ <i>dradha</i>	द्रढीयम्	द्रढिष्ठ
परिवृह <i>parivṛiha</i> , 'excellent'	परिव्रह <i>parivraha</i>	परिव्रहीयम्	परिव्रहिष्ठ
पृथु <i>pṛithu</i> , 'broad'	प्रथ <i>pratha</i>	प्रथीयम्	प्रथिष्ठ
प्रशम्य <i>praśasya</i> , 'good'	{ अ* <i>śra</i> ज्या* <i>jyá</i>	श्रेयम् ज्यायम्	श्रेष्ठ ज्येष्ठ
प्रिय <i>priya</i> , 'dear'	प्र* <i>pra</i>	प्रेयम्	प्रेष्ठ
बहु <i>bahu</i> , 'much'	भू* <i>bhú</i>	भूयम्	भूयिष्ठ
बहुल <i>bahula</i> , 'much'	बंध <i>banha</i>	बंधीयम्	बंधिष्ठ
भृश <i>bhṛśa</i> , 'excessive'	भश <i>bhraśa</i>	भशीयम्	भशिष्ठ
मृदु <i>mṛidu</i> , 'soft'	मद <i>mrada</i>	मदीयम्	मदिष्ठ
युवन् <i>yuvan</i> , 'young'	यव <i>yava</i>	यवीयम्	यविष्ठ
वाढ <i>vādha</i> , 'firm,' 'thick'	साध <i>sādha</i>	साधीयम्	साधिष्ठ
वृद्ध <i>vṛiddha</i> , 'old'	{ वर्ष <i>varsha</i> ज्या* <i>jyá</i>	वर्षीयम् ज्यायम्	वर्षिष्ठ ज्येष्ठ
वृन्दारक <i>vṛindāraka</i> , 'excellent'	वृन्द <i>vṛinda</i>	वृन्दीयम्	वृन्दिष्ठ
स्थिर <i>sthira</i> , 'firm,' 'stable'	स्थ <i>stha</i>	स्थयम्	स्थेष्ठ
स्थूल <i>sthūla</i> , 'gross,' 'bulky'	स्थव <i>sthava</i>	स्थवीयम्	स्थविष्ठ
स्फिर <i>sphira</i> , 'turgid'	स्फ <i>spha</i>	स्फेयम्	स्फेष्ठ
ह्रस्व <i>hrasva</i> , 'short'	ह्रस <i>hrasa</i>	ह्रसीयम्	ह्रसिष्ठ

* In the case of अ and प्र the final vowel is not rejected, but combines with *īyas* and *ishtha* agreeably to Sandhi. In ज्या and भू, *yas* is affixed in place of *īyas*.

195. Sometimes, but very rarely, degrees of comparison may be formed from feminine bases ending in the vowels ई *ī* and ऊ *ū*, which may either be retained before *tara* and *tama*, or be shortened: thus, from सती, 'a faithful wife,' सतीतर, सतीतम or सतितर, सतितम.

196. *Tara* and *tama* may sometimes be added to inseparable prepositions; as, उत् 'up,' उत्तर 'higher,' उत्तम 'highest.' Compare in Latin *extimus*, *intimus*, &c.

a. They are sometimes added to pronominal bases (236), and to numerals (209, 211).

197. They may even be added, in conjunction with the syllable आं *ām*, to the inflexions of verbs; as, जल्पिततरां 'he talks more than he ought.'

SECTION IV.

NUMERAL ADJECTIVES.

CARDINALS.

198. The cardinals are, एक 1; द्वि 2; त्रि 3; चतुर 4; पञ्च 5; षष् 6; सप्त 7; अष्ट 8; नव 9; दश 10; एकादश 11; द्वादश 12; त्रयोदश 13; चतुर्दश 14; पञ्चदश 15; षोडश 16; सप्तदश 17; अष्टादश 18; नवदश or ऊनविंशति 19; विंशति 20; एकविंशति 21; द्वाविंशति 22; त्रयोविंशति 23; चतुर्विंशति 24; पञ्चविंशति 25; षड्विंशति 26; सप्तविंशति 27; अष्टाविंशति 28; नवविंशति or ऊनद्विंशत् 29; त्रिंशत् 30; एकत्रिंशत् 31; द्वात्रिंशत् 32; त्रयस्त्रिंशत् 33; चतुस्त्रिंशत् 34; पञ्चत्रिंशत् 35; षट्त्रिंशत् 36; सप्तत्रिंशत् 37; अष्टात्रिंशत् 38; नवत्रिंशत् or ऊनचत्वारिंशत् 39; चत्वारिंशत् 40; एकचत्वारिंशत् 41; द्विचत्वारिंशत् or द्वाचत्वारिंशत् 42; त्रिचत्वारिंशत् or त्रयश्चत्वारिंशत् 43; चतुश्चत्वारिंशत् 44; पञ्चचत्वारिंशत् 45; षट्चत्वारिंशत् 46; सप्तचत्वारिंशत् 47; अष्टाचत्वारिंशत् or अष्टचत्वारिंशत् 48; नवचत्वारिंशत् or ऊनपञ्चाशत् 49; पञ्चाशत् 50; एकपञ्चाशत् 51; द्विपञ्चाशत् or द्वापञ्चाशत् 52; त्रिपञ्चाशत् or त्रयःपञ्चाशत् 53; चतुःपञ्चाशत् 54; पञ्चपञ्चाशत् 55; षट्पञ्चाशत् 56; सप्तपञ्चाशत् 57; अष्टपञ्चाशत् or अष्टापञ्चाशत् 58; नवपञ्चाशत् or ऊनषष्टि 59; षष्टि 60; एकषष्टि 61; द्विषष्टि or द्वाषष्टि 62; त्रिषष्टि or त्रयःषष्टि* 63; चतुःषष्टि* 64; पञ्चषष्टि 65; षट्षष्टि 66; सप्तषष्टि 67; अष्टषष्टि or अष्टाषष्टि 68; नवषष्टि or ऊनसप्तति 69; सप्तति 70; एकसप्तति 71; द्विसप्तति or द्वासप्तति 72; त्रिसप्तति or त्रयःसप्तति 73; चतुःसप्तति 74; पञ्चसप्तति 75; षट्सप्तति 76; सप्तसप्तति 77; अष्टसप्तति or अष्टासप्तति 78; नवसप्तति or ऊनाशीति 79; अशीति 80; एकाशीति 81; द्वाशीति 82; त्र्यशीति 83; चतुरशीति 84; पञ्चाशीति 85; षडशीति 86; सप्ताशीति 87; अष्टाशीति 88; नवाशीति or ऊननवति 89; नवति 90; एकनवति 91; द्विनवति or द्वानवति 92;

* These may also be written त्रयष्पष्टि, चतुष्पष्टि. In fact, rules 62. a. and 63. apply equally to initial ष; but षष् and षष्टि, and their derivatives, are the only words beginning with ष ever likely to occur.

त्रिनवति or त्रयोनवति 93; चतुर्नवति 94; पञ्चनवति 95; षण्णवति 96; सप्तनवति 97; अष्टनवति or अष्टानवति 98; नवनवति or ऊनशत 99; शत n. or एकशत n. 100; सहस n. or एकसहस n. 1000.

199. The numbers between 100 and 1000, and those above 1000, are usually expressed by compounding the adjective अधिक *adhika*, 'more,' 'plus,' with the cardinal numbers: thus, 101 may be expressed by एकाधिकं शतं, i. e. 'a hundred plus one,' or more concisely एकाधिकशत, or even शताधिकैक. Similarly, द्वाधिकं शतं or द्वाधिकशत 102; त्र्यधिकं शतं or त्र्यधिकशत 103; त्रिंशदधिकशत 130; पञ्चाशदधिकशत or सार्द्धशत 150; द्विशत or द्वे शते N. du. neut. 200; पर्द्विंशत्यधिकद्विशत 226; त्रिशत or त्रीणि शतानि N. pl. neut. 300; त्र्यशीत्यधिकत्रिशत 383; चतुःशत or चत्वारि शतानि N. pl. 400; पञ्चाशीत्यधिकचतुःशत 485; पञ्चशत 500; षण्णवत्यधिकपञ्चशत 596; षट्शत 600; षट्पञ्च्यधिकषट्शत 666; सप्तशत 700; अष्टशत 800; नवशत 900; सहस or दशशत n. or दशशती 1000; षोडशशत or षट्शताधिकसहस 1600; षट्पञ्च्यधिकषोडशशत 1666.

a. The ordinals are sometimes joined to the cardinals to express 111 and upwards: thus, एकादशं शतं 111; विंशं सहसं 1020; त्रिंशं शतं 130, &c.

b. Single words are used for the highest numbers: thus, अयुत n. 'ten thousand;' लक्ष n. or लक्षा f. 'a lac,' 'one hundred thousand;' नियुत or प्रयुत m. n. 'one million;' कोटि f. 'a crore,' 'ten millions;' अर्बुद m. n. 'one hundred millions;' महार्बुद m. n. 'one thousand millions;' पद्म m. n. or अन्न n. 'ten thousand millions;' महापद्म m. n. 'one hundred thousand millions;' खर्व m. n. 'a billion;' महाखर्व m. n. or शङ्कु m. 'ten billions;' शङ्ख m. n. or समुद्र m. 'a hundred billions;' महाशङ्ख 'a thousand billions;' हाहा m. or अन्न m. 'ten thousand billions;' महाहाहा m. or परार्द्ध m. 'one hundred thousand million;' धुन n. 'one million billion;' महाधुन n. 'ten million billion;' अक्षौहिणी f. 'one hundred million billion;' महाक्षौहिणी 'one thousand million billion.'

DECLENSION OF CARDINALS.

200. एक 1, द्वि 2 (*duo, δύο*), त्रि 3 (*tres, τρεις, τρια*), चतुर् 4 (*quatuor*), are declined in three genders.

एक *eka*, 'one' (singular only), follows the declension of pronominals (see 237): nom. m. *ekas*; dat. m. *ekasmai*; nom. f. *eká*; dat. f. *ekasyai*; nom. n. *ekam*. It may take the affixes *tara* and *tama*: thus, *ekatara*, 'one of two;' *ekatama*, 'one of many;' which also follow the declension of pronominals.

201. द्वि *dvi*, 'two' (dual only), is declined as if the base were द्व *dwa*: thus, N. Ac. V. m. द्वौ *dwau*, f. n. द्वे *dwa*; I. D. Ab. m. f. n. द्वाभ्यां; G. L. द्वयोस्.

202. त्रि *tri*, 'three' (plural only), is declined in the masculine like the plural of nouns whose bases end in इ *i* at 110, excepting in the gen.: thus, N.V. masc. त्रयस्; Ac. त्रीन्; I. त्रिभिस्; D. Ab. त्रिभ्यस्; G. त्रयाणां; L. त्रिषु. The feminine forms its cases from a base तिसृः thus, N. Ac. V. fem. तिसस्; I. तिसृभिस्; D. Ab. तिसृभ्यस्; G. तिसृणां; L. तिसृषु. The N. Ac. neut. is त्रीणि; the rest as the masculine.

203. चतुर् *chatur*, 'four' (plural only), is thus declined: N.V. masc. चत्वारस् (*τέτταρες, τέσσαρες*); Ac. चतुरस्; I. चतुर्भिस्; D. Ab. चतुर्भ्यस्; G. चतुर्यां; L. चतुर्षु. N. Ac. V. fem. चतसस्; I. चतसृभिस्; D. Ab. चतसृभ्यस्; G. चतसृणां; L. चतसृषु. N. Ac. V. neut. चत्वारि; the rest as the masculine.

204. पञ्चन् *pañchan*, 'five' (plural only), is the same for masc., fem., and neut. It is declined after the analogy of nouns in *an* (147), excepting in N. Ac. The gen. lengthens the penultimate: thus, N. Ac. V. पञ्च (*πέντε*); I. पञ्चभिस्; D. Ab. पञ्चभ्यस्; G. पञ्चानां; L. पञ्चसु. Similarly are declined, सप्तन् 'seven' (*septem, ἑπτά*), नवन् 'nine' (*novem*), दशन् 'ten' (*decem, δέκα*), एकादशन् 'eleven' (*undecim*), द्वादशन् 'twelve' (*duodecim*), and all other numerals ending in *an*, excepting अष्टन् 'eight.'

205. षष् *shash*, 'six,' and अष्टन् *ashṭan*, 'eight,' are the same for masc., fem., and neut., and are thus declined: N. Ac. V. षट्; I. षड्भिस्; D. Ab. षड्भ्यस्; G. षणां *shaṇṇám*; L. षट्सु. N. Ac. V. अष्ट or अष्टौ (*octo, ὀκτώ*); I. अष्टभिस् or अष्टाभिस्; D. Ab. अष्टभ्यस् or अष्टाभ्यस्; G. अष्टानां; L. अष्टसु or अष्टासु.

206. All the remaining cardinal numbers, from जनविंशति 'nineteen' to शत 'a hundred,' and सहस्र 'a thousand,' are declined in the singular only, and are the same whether joined with masculine, feminine, or neuter nouns*. Those ending in ति *ti* are declined like the singular of the feminine noun मति *mati* at 112; and those in त् *t* are declined like the singular of सरित् *sarit* at 136: thus, विंशत्या पुरुषैः 'with twenty men;' त्रिंशता पुरुषैः 'with thirty men.' शत 'a hundred' and सहस्र 'a thousand' are neuter, and are declined like the neut. singular of शिव *śiva* at 103: thus, शतं पितरस् 'a hundred ancestors;' एकाधिकशतं

* Although these numerals, when joined with nouns, are declined in the singular, yet when used alone as substantives, to express more than one hundred, or more than one thousand, they may take a dual or plural; as, विंशती 'two twenties;' त्रिंशतौ 'two thirties;' त्रिंशतस् 'many thirties;' शते 'two hundred;' शतानि 'hundreds;' सहस्राणि 'many thousands.'

पितरस् 'a hundred and one ancestors;,' सहस्रेण पितृभिस् 'with a thousand ancestors.'

207. The adjective ऊन 'less,' 'minus,' may be placed before a cardinal number, to denote one less than that number, एक 'one' being either expressed or understood: thus, ऊनविंशति or एकोनविंशति 'twenty minus one' or 'nineteen' (compare the Latin *undeviginti*, i. e. *unus de viginti*). And other cardinals, besides एक 'one,' are sometimes prefixed to ऊन, to denote that they are to be deducted from a following number; as, पञ्चोनं शतं or पञ्चोनशतं 'a hundred less five' or 'ninety-five.'

ORDINALS.

208. The ordinals are, प्रथम 'first'* (compare *πρῶτος*, *primus*); द्वितीय 'second' (*δευτέρα*); तृतीय 'third' (*tertia*); declined like pronominals at 237, or like *śiva* at 103.

209. चतुर्थे 'fourth' † (*τέταρτος*); पञ्चम 'fifth;,' षष्ठ 'sixth;,' सप्तम 'seventh' (*septimus*); अष्टम 'eighth;,' नवम 'ninth' (*nonus*); दशम 'tenth' (*decimus*); declined like *śiva* at 103, 104, for the masc. and neut.; and like *nadī* at 106. for the feminine. In *saptama* and *ashtama* the superlative affix (196. a) may be recognised.

210. The ordinals from 'eleventh' to 'twentieth' are formed from the cardinals by rejecting the final *n*: thus, from एकादशन् 'eleven,' एकादश 'eleventh' (Nom. m. f. n. एकादशस्, -शी, -शं, 103, 106, 104).

211. 'Twentieth,' 'thirtieth,' 'fortieth,' and 'fiftieth,' are formed either by adding the superlative affix *tama* (196. a) to the cardinal, or by rejecting the final of the cardinal; as, from विंशति 'twenty,' विंशतितम or विंश 'twentieth' (Nom. m. f. n. -मस्, -मी, -मं; -शस्, -शी, -शं, 103, 106, 104). Similarly, त्रिंशत्तम or त्रिंश 'thirtieth,' &c. The intermediate ordinals are formed by prefixing the numeral, as in the cardinals: thus, एकविंशतितम or एकविंश 'twenty-first,' &c.

a. Some grammarians admit a third form of ordinal, ending in *in*: thus, दशिन् 'tenth,' एकादशिन् 'eleventh,' विंशिन् 'twentieth,' त्रिंशिन् 'thirtieth,' चत्वारिंशिन् 'fortieth,' पञ्चाशिन् 'fiftieth.'

212. The other ordinals, from 'sixtieth' to 'ninetieth,' are formed by adding *tama*, or by changing *ti* to *ta*: thus, from षष्टि 'sixty,' षष्टितम or षष्ट 'sixtieth;,' from नवति 'ninety,' नवतितम or नवत 'ninetieth.'

* Other adjectives may be used to express 'first;,' as, आद्यः, -द्या, -द्यं; आदिमः, -मा, -मं; अग्रः, -ग्रा, -ग्रं; अग्रिमः, -मा, मं.

† तुरीयः, -या, -यं; तुर्थ्यः, -र्थ्या, -र्थ्यं— are also used for 'fourth.'

213. 'Hundredth' and 'thousandth' are formed either by adding *tama* to शत and सहस्र, or simply by converting these ordinals into adjectives, declinable in three genders: thus, शततम or शत 'hundredth' (Nom. m. f. n. शततमस्, -नी, -मं; शतस्, -ती, -तं). Similarly, सहस्रतमस्, -नी, -मं, or सहस्रः, -सी, -सं, 'thousandth.'

214. The aggregation of two or more numbers is expressed by modifications of the ordinal numbers: thus, द्वयं 'a duad,' त्रयं 'a triad,' चतुष्टयं 'the aggregate of four.'

215. There are a few adverbial numerals; as, सकृत् 'once,' द्विस् 'twice,' त्रिस् 'thrice,' चतुस् 'four times.' कृत्वस् may be added to cardinal numbers, with a similar signification; as, पञ्चकृत्वस् 'five times.' The neuter of the ordinals may be used adverbially; as, प्रथमं 'in the first place.'

216.

Numerical symbols.

१	२	३	४	५	६	७	८	९	१०
1	2	3	4	5	6	7	8	9	10

CHAPTER V.

PRONOUNS.

FORMATION OF THE BASE.

217. PRONOUNS have no crude base analogous to that of nouns; that is, no state distinct from all inflexion, serving as the basis on which all the cases are constructed. The reason of this may be, that the pronouns in Sanskrit, as in all languages, are so irregular and capricious in their formation, that no one base would be equally applicable to all the cases. Thus in the 1st personal pronoun, the base of the nom. sing. would be *ah*, while that of the oblique cases sing. would be *ma*. In the 2d, the base of the sing. is practically *tva*, while that of the dual and plural is *yu*. The 3d would have *sa* for the base of the nom. sing., and *ta* for the other cases.

The question then arises, What form of the pronoun is to be used in the formation of compound words? In the pronouns of the first and second persons, the ablative cases, singular and plural, and in the other pronouns, the nominative and accusative cases singular neuter, are considered as expressive of the most general and comprehensive state of the pronoun. These cases, therefore, discharge the office of a crude base in respect of compound words.

DECLENSION OF THE PERSONAL PRONOUNS.

Observe—In Sanskrit, as in other languages, to denote the general and indefinite character of the first two personal pronouns, no distinction of gender is admitted. For the same reason, the formation of the nom. case of pronouns is made to resemble the neuter, as the most general state. This may also be the reason why the 3d pronoun *sa* drops the *s* of the nom. case before all consonants.

218.

मत् *mat* or अस्मत् *asmāt*, 'I.'

N. अहं <i>aham</i> , 'I'	आवां <i>ávám</i> , 'we two'	वयं <i>vayam</i> , 'we'
Ac. मां <i>mám</i> or मामा, 'me'	— <i>ávám</i> or नौ <i>nau</i> , 'us two'	अस्मान् <i>asmán</i> or नस् <i>nas</i> , 'us'
I. मया <i>mayá</i>	आवाभ्यां <i>ávábhyám</i>	अस्माभिस् <i>asmábhis</i>
D. मह्यं <i>mahyam</i> or मे <i>me</i>	— <i>ávábhyám</i> or नौ <i>nau</i>	अस्मभ्यं <i>asmabhyam</i> or नस् <i>nas</i>
Ab. मत् <i>mat</i>	— <i>ávábhyám</i>	अस्मत् <i>asmāt</i>
G. मम <i>mama</i> or मे <i>me</i>	आवयोस् <i>ávayos</i> or नौ <i>nau</i>	अस्माकं <i>asmákam</i> or नस् <i>nas</i>
L. मयि <i>mayi</i>	— <i>ávayos</i>	अस्मासु <i>asmásu</i>

219.

त्वत् *twat* or युष्मत् *yushmat*, 'thou.'

N. त्वं <i>twam</i> , 'thou'	युवां <i>yurám</i> , 'you two'	यूयं <i>yúyam</i> , 'you' or 'ye'
Ac. त्वां <i>twám</i> or त्वा <i>twá</i>	— <i>yurám</i> or वां <i>vám</i>	युष्मान् <i>yushmán</i> or वस् <i>vas</i>
I. त्वया <i>twayá</i>	युवाभ्यां <i>yuvábhyám</i>	युष्माभिस् <i>yushmábhis</i>
D. तुभ्यं <i>tubhyam</i> or ते <i>te</i>	— <i>yuvábhyám</i> or वां <i>vám</i>	युष्मभ्यं <i>yushmabhyam</i> or वस् <i>vas</i>
Ab. त्वत् <i>twat</i>	— <i>yuvábhyám</i>	युष्मत् <i>yushmat</i>
G. तव <i>tava</i> or ते <i>te</i>	युवयोस् <i>yuvayos</i> or वां <i>vám</i>	युष्माकं <i>yushmákam</i> or वस् <i>vas</i>
L. त्वयि <i>twayi</i>	— <i>yuvayos</i>	युष्मासु <i>yushmásu</i>

220.

तत् *tat* or तद् *tad*, 'he,' 'that.'

MASCULINE.

N. सस् <i>sas</i> , 'he'	तौ <i>tau</i> , 'they two'	ते <i>te</i> , 'they'
Ac. तं <i>tam</i>	— <i>tau</i>	तान् <i>tán</i>
I. तेन <i>tena</i>	ताभ्यां <i>tábhyám</i>	तैस् <i>tais</i> (τοῖς, ταῖς)
D. तस्मै <i>tasmai</i>	— <i>tábhyám</i>	तेभ्यस् <i>tebhyas</i>
Ab. तस्मात् <i>tasmát</i>	— <i>tábhyám</i>	— <i>tebhyas</i>
G. तस्य <i>tasya</i>	तयोस् <i>tayos</i>	तेषां <i>teshám</i>
L. तस्मिन् <i>tasmin</i>	— <i>tayos</i>	तेषु <i>teshu</i>

FEMININE.

N. सा <i>sá</i> , 'she'	ते <i>te</i>	तास् <i>tás</i>
Ac. तां <i>tám</i>	— <i>te</i>	— <i>tás</i>
I. तया <i>tayá</i>	ताभ्यां <i>tábhyám</i>	ताभिस् <i>tábhis</i>
D. तस्यै <i>tasyai</i>	— <i>tábhyám</i>	ताभ्यस् <i>tábhyas</i>

Ab. तस्याम् <i>tasyás</i>	ताभ्यां <i>tábhyám</i>	ताभ्यस् <i>tábhyas</i>
G. — <i>tasyás</i>	तयोस् <i>tayos</i>	तासां <i>tásám</i>
L. तस्यां <i>tasyám</i>	— <i>tayos</i>	तासु <i>tásu</i>

NEUTER.

N. Ac. तत् *tat*, ते *te*, तानि *táni*; the rest like the masculine.

Compare the Greek article with the above pronoun.

a. The above pronoun *tat* is sometimes used *emphatically* with the other pronouns, like *ille* and *ipse*: thus, सोऽहं 'ille ego;,' ते वयं 'illi nos;,' स त्वं 'ille tu;,' ते यूयं 'illi vos;,' स एषः 'ille ipse;,' तद् एतत् 'id ipsum.'

221. There is a modification of the pronoun *tat* (rarely used), formed by inserting *y*: thus, N. स्यस, त्वौ, त्वे.

a. Observe the resemblance of the Sanskrit personal pronouns to those of the dead and living cognate languages. *Aham* or *ah* is the Greek ἔγωγ (Æolic ἔγωγν), Latin *ego*, German *ich*, English 'I:' *mám* or *má* (the latter being the original form found in the Vedas) equals ἐμέ, *me*; *mahyam* = *mih*; *mayi* = *mei*: the *mat* of the abl. sing. and of *asmat*, *yushmat*, corresponds to the Latin *met* in *memet*, *nosmet*, &c.: *vayam* or *va* is the English 'we;,' *asmán* = *us*; *nas* = *nos*; *twam* = *tu*, 'thou;,' *twám* or *twá* = *te*, 'thee;,' *tubhyam* = *tibi*; *twayi* = *tui*; *yúyam* = ὑμεῖς, English 'you;,' *vas* = *vos*. The 3d personal pronoun corresponds to the Greek article: thus, *tau* = τώ, *tam* = τόν; *tábhyám* = τοῖν, ταῖν; *tais* = τοῖς, ταῖς, &c.

REFLEXIVE PERSONAL PRONOUNS.

222. The oblique cases of आत्मन् *átman*, 'soul,' 'self' (declined at 147) are used reflexively, in place of the three personal pronouns, like the Latin *ipse*.

Thus, *átmánam* (*me ipsum*) *anáháreṇa hanishyámi*, 'I will kill myself by fasting;,' *átmánam* (*te ipsum*) *mṛitavad darśaya*, 'show thyself as if dead;,' *átmánam* (*se ipsum*) *nindati*, 'he blames himself.'

DEMONSTRATIVE PERSONAL PRONOUNS.

223. The third personal pronoun तत् *tat*, 'he,' declined above at 220, is constantly used in a demonstrative sense, to signify 'that' or 'this;,' and by prefixing ए *e* to it, another common pronoun is formed, more proximately demonstrative: thus, एतत् *etat* or एतद् *etad*, 'this.' Observe—The first *t* of *etat* may optionally be changed to *n* in the Ac. sing. du. pl., I. sing., G. du., in all three genders: thus,

एतत् *etat* or एतद् *etad*, 'this.'

MASCULINE.

N. एषस् <i>eshas</i> . 70.	एतौ <i>etau</i>	एते <i>ete</i>
Ac. एतं <i>etam</i> or एनं <i>enam</i>	— <i>etau</i> or एनौ <i>enau</i>	एतान् <i>etán</i> or एनान् <i>enán</i>

I. एतेन <i>etena</i> or एनेन <i>enena</i>	एताभ्यां <i>etábhyaám</i>	एतैस् <i>etais</i>
D. एतस्मै <i>etasmai</i>	— <i>etábhyaám</i>	एतेभ्यस् <i>etebhyas</i>
Ab. एतस्मात् <i>etasmát</i>	— <i>etábhyaám</i>	— <i>etebhyas</i>
G. एतस्य <i>etasya</i>	एतयोस् <i>etayos</i> or एनयोस् <i>enayos</i>	एतेषां <i>eteshám</i>
L. एतस्मिन् <i>etasmín</i>	— <i>etayos</i> or — <i>enayos</i>	एतेषु <i>eteshu</i>

The feminine is N. एषा *eshá*, एते *ete*, एतास् *etás*; Ac. एतां or एनां, एते or एने, एतास् or एनास्; I. एतया or एनया, एताभ्यां, एताभिस्; D. एतस्यै, &c.

The neuter is N. एतत्, एते, एतानि; Ac. एतत् or एनत्, एते or एने, एतानि or एनानि, &c.

With the above pronoun compare the Latin *iste, ista, istud*: *etam* = *istum*, *etasya* = *istius*, *etat* = *istud*.

224. There is another common demonstrative pronoun, of which इदं *idam*, 'this,' the N. neuter, is considered to be the base (compare the Latin *is, ea, id*). The true base, however, might rather be said to be the vowel इ *i*, which serves also as the source of certain pronominals, such as इतर, ईदृश, इयत्. See 234, 236, and 234. *b*.

MASCULINE.

N. अयं <i>ayam</i> , 'this'	इमौ <i>imau</i> , 'these two'	इमे <i>ime</i> , 'these'
Ac. इमं <i>imam</i>	— <i>imau</i>	इमान् <i>imán</i>
I. अनेन <i>anena</i>	आभ्यां <i>ábhyaám</i>	एभिस् <i>ebhis*</i>
D. अस्मै <i>asmai</i>	— <i>ábhyaám</i>	एभ्यस् <i>ebhyas</i>
Ab. अस्मात् <i>asmát</i>	— <i>ábhyaám</i>	— <i>ebhyas</i>
G. अस्य <i>asya</i>	अनयोस् <i>anayos</i>	एषां <i>eshám</i>
L. अस्मिन् <i>asmin</i>	— <i>anayos</i>	एषु <i>eshu</i>

FEMININE.

N. इयं <i>iyam</i>	इमे <i>ime</i>	इमास् <i>imás</i>
Ac. इमां <i>imám</i>	— <i>ime</i>	— <i>imás</i>
I. अनया <i>anayá</i>	आभ्यां <i>ábhyaám</i>	आभिस् <i>ábhis</i>
D. अस्यै <i>asyai</i>	— <i>ábhyaám</i>	आभ्यस् <i>ábhyas</i>
Ab. अस्यास् <i>asyás</i>	— <i>ábhyaám</i>	— <i>ábhyas</i>
G. — <i>asyás</i>	अनयोस् <i>anayos</i>	आसां <i>ásám</i>
L. अस्यां <i>asyám</i>	— <i>anayos</i>	आसु <i>ásu</i>

NEUTER.

N. Ac. इदं <i>idam</i>	इमे <i>ime</i>	इमानि <i>imáni</i>
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* This is an example of the old form for the instr. pl. of masculine nouns of the first class, preserved in the Vedas.

225. There is another demonstrative pronoun (rarely used, excepting in nom. sing.), of which अदम्, 'this' or 'that,' is taken as the base, though the true base is अमु *amu*, and in N. sing. अमु *asu*. It is thus declined: Masc. N. असौ, अम्, अमी; Ac. अमुं, अम्, अमून्; I. अमुना, अमूभ्यां, अमीभिस्; D. अमुप्ते, अमूभ्यां, अमीभ्यस्; Ab. अमुष्मात्, अमूभ्यां, अमीभ्यस्; G. अमुष्य, अमुयोस्, अमीषां; L. अमुप्सिन्, अमुयोस्, अमीषु. Fem. N. असौ, अम्, अमूम्; Ac. अमूं, अम्, अमूम्; I. अमुया, अमूभ्यां, अमूभिस्; D. अमुष्यै, अमूभ्यां, अमूभ्यस्; Ab. अमुष्माम्, &c.; G. अमूष्माम्, अमुयोस्, अमूषां; L. अमुष्मां, अमुयोस्, अमूषु. Neut. N. Ac. अदस्, अम्, अमूनि.

RELATIVE PRONOUN.

226. The relative is formed by substituting य *y* for the initial letter of the pronoun *tat*, at 220: thus,

यत् *yat* or यद् *yad*, 'who,' 'which.'

MASCULINE.

N. यस् <i>yas</i>	यौ <i>yau</i>	ये <i>ye</i> , 'who' or 'which'
Ac. यं <i>yam</i>	— <i>yau</i>	यान् <i>yán</i>
I. येन <i>yena</i>	याभ्यां <i>yábhyaṃ</i>	यैस् <i>yais</i>
D. यस्मै <i>yasmai</i>	— <i>yábhyaṃ</i>	येभ्यस् <i>yebhyas</i>
Ab. यस्मात् <i>yasmát</i>	— <i>yábhyaṃ</i>	— <i>yebhyas</i>
G. यस्य <i>yasya</i>	ययोस् <i>yayos</i>	येषां <i>yeshám</i>
L. यस्मिन् <i>yasmin</i>	— <i>yayos</i>	येषु <i>yeshu</i>

The feminine and neuter follow the fem. and neut. of *tat*, at 220. Fem. N. या *yá*, ये *ye*, यास् *yás*; Ac. यां *yám*, &c. &c. Neut. N. Ac. यत् *yat*, ये *ye*, यानि *yáni*; the rest like the masculine.

With the above pronoun compare the Greek relative $\epsilon\acute{\iota}\varsigma$, $\eta\acute{\iota}$, $\epsilon\acute{\iota}$; the Sanskrit *y* being often represented in Greek words by the *spiritus asper*.

INTERROGATIVE PRONOUNS.

227. The interrogative differs from the relative by substituting *k* instead of *y* for the initial letter of the pronoun *tat*, at 220: thus, Masc. N. कस् *kas*, कौ *kau*, के *ke*, 'who?' 'which?' 'what?' Ac. कं *kam*, 'whom?' &c. Fem. N. का *ká*, के *ke*, काम् *kás*, &c. The N. Ac. Neut. are किं *kim*, के *ke*, कानि *káni*, not *kat**, *ke*, *káni*. *Kim* is also taken for the base, and occurs in a few compounds; such as किमर्थं 'on what account?' 'why?'

* *Kat*, however (= Latin *quod*), was the old form, and is retained in a few words; such as *kachhit*, 'perhaps;' *kadartha*, 'useless' ('of what use?'); *kadadhwán*, 'a bad road' ('what sort of a road?').

a. The true base, however, is *ka*; and to this may be affixed *ti*, to form कति *kati*, 'how many?' (*quot*). The same affix is added to *tu*, the proper base of the third personal pronoun, to form तति, 'so many' (*tot*). The Latin *quot* and *tot*, which drop the final *i*, take it again in composition; as, *quotidie*, *totidem*, &c.

INDEFINITE PRONOUNS.

228. The indeclinable affixes *chit*, *api*, and *chana*, affixed (in accordance with the rules of Sandhi) to the several cases of the interrogative pronouns, give them an indefinite signification; as, कश्चित् *kaśchit*, 'somebody,' 'some one,' 'any one,' 'a certain one:' thus declined :

MASCULINE.

N. कश्चित् <i>kaśchit</i> . 62.	कौचित् <i>kauchit</i>	केचित् <i>kechit</i> , 'some persons'
Ac. कञ्चित् <i>kañchit</i> . 59.	— <i>kauchit</i>	काञ्चित् <i>kāñchit</i> . 53.
I. केनचित् <i>kenachit</i>	काभ्याञ्चित् <i>kābhyāñchit</i>	कैश्चित् <i>kaiśchit</i> . 62.
D. कस्मैचित् <i>kasmaichit</i>	— <i>kābhyāñchit</i>	केभ्यश्चित् <i>kebhyaśchit</i>
Ab. कस्माञ्चित् <i>kasmāchchit</i>	— <i>kābhyāñchit</i>	— <i>kebhyaśchit</i>
G. कस्यचित् <i>kasyachit</i>	कयोश्चित् <i>kayośchit</i>	केषाञ्चित् <i>keshāñchit</i>
L. कस्मिंश्चित् <i>kasmiñschit</i>	— <i>kayośchit</i>	केषुचित् <i>keshuchit</i>

Similarly, Fem. Nom. काचित्, केचित्, काश्चित्; Ac. काञ्चित्, &c.: and Neut. Nom. Ac. किञ्चित् 'something,' 'any thing,' केचित्, कानिचित्, &c.

229. So also by affixing अपि; as, Masc. Nom. कोऽपि (64. a) 'some one,' 'a certain one,' कावपि, केऽपि (37, 35); Ac. कमपि, &c.; I. केनापि, &c. (31); D. कस्मायपि, &c. (37); Ab. कस्मादपि, &c.; G. कस्यापि, &c.; L. कस्मिन्नपि, &c. (52). Fem. Nom. कापि, &c.; Ac. कामपि, &c.; I. कयापि, &c. &c. Neut. Nom. किमपि 'something,' 'any thing,' &c. The affix *chana* is rarely found, excepting in the Masc. Nom. कश्चन 'some one,' 'any one,' and in the Neut. Nom. किञ्चन 'something.'

230. In the same way interrogative adverbs are made indefinite: thus, from *kati*, 'how many?' कतिचित्, 'a few;' from *kadá*, 'when?' कदाचित्, 'at some time:' from *katham*, 'how?' कथाञ्चाना, 'some how.'

POSSESSIVE PRONOUNS.

231. These are formed by affixing *īya* (80. XV) to those cases of the personal pronouns, ending in *t*, which are used for crude bases: thus, from अत् and अस्मत् 'I,' मदीय *madīya* (45), 'mine,' and अस्मदीय *asmadīya*, 'our;' from त्वत् 'thou,' त्वदीय *twadīya*, 'thine;' from तद् 'he,' तदीय *tadīya*, 'his.' They are declined like nouns of the first class at 103.

Observe, however, that the genitive case of the personal pronouns is more usually used for the possessive: thus, तस्य पुत्रः 'his son;' मम पुत्री 'my daughter.'

REFLEXIVE OR POSSESSIVE PRONOUNS.

232. स्व *swa* (*suus*) is used reflexively, in reference to all three persons, and may stand for 'my own' (*meus*), 'thy own' (*tuus*), 'his own,' 'our own,' &c. (compare $\sigma\phi\acute{o}\varsigma$, $\sigma\phi\acute{\eta}$, $\sigma\phi\acute{o}\nu$). It often occupies the first place in a compound: thus, स्वगृहं गच्छति 'he goes to his own house.' The gen. case of आत्मन् *átman* at 147, or often the crude base, is used with the same signification; as, आत्मनो गृहं or आत्मगृहं गच्छति*. In modern Sanskrit, निज *nija* is often used in place of स्व and आत्म. स्व is declined like *tat* at 220; but the Ab. L. sing. masc. neut. and N. pl. masc. may follow *śiva* at 103.

HONORIFIC OR RESPECTFUL PRONOUN.

233. भवत् *bhavat*, 'your honour,' requiring the 3d person of the verb, is declined like *dhanavat* at 140: thus, N. masc. भवान् *bhaván*, भवन्तौ *bhavantau*, भवन्तस् *bhavantas*; N. fem. भवती *bhavatí*, भवत्यौ *bhavatyau*, भवत्यस् *bhavatyas*, &c.; Voc. भवति (140. b). It is constantly used in place of the 2d personal pronoun: thus, भवान् गृहं गच्छतु 'Let your honour go home' for 'Go thou home.'

DERIVATIVE PRONOUNS OF QUANTITY AND SIMILITUDE.

234. Modifications of the demonstrative, relative, and interrogative pronouns may take the affix वत् *vat* to express 'quantity,' and the affix दृश् *drīśa* or दृश् *drīś*† to express 'similitude:': thus, तावत् *távat*, एतावत् *etávat*, 'so many,' 'so much' (*tantus*); यावत् (*quantus*) 'as many,' 'as much' (declined like *dhanavat* at 140); तादृश् *tádriśa* or तादृश् *tádriś*, 'such like' (*talīs*, $\tau\eta\lambda\acute{\iota}\kappa\omicron\varsigma$); एतादृश् *etádriśa* or एतादृश् *etádriś*, 'like this or that' (following *śiva*, at 103, for the masc. and neut.; *uadí*, at 106, for the fem. of those ending in श *śa*; and *dis*, at 181, for the masc. fem. neut. of those in श् *ś*). Similarly, यादृश् or यादृश् 'as like,' 'how like?' (*qualis*, $\eta\acute{\lambda}\acute{\iota}\kappa\omicron\varsigma$); ईदृश् or ईदृश् 'so like'; कीदृश् or कीदृश् 'how like?' (*qualis*?).

a. Note, that the affix दृश् is derived from the root *drīś*, 'to see,' 'appear,' and is in fact our English 'like,' *d* being interchangeable with *l*, and *ś* with *k*.

b. कियत् 'how much,' 'how many,' and इयत् 'so much,' are declined like भवत् at 233.

'WHOSOEVER,' 'WHATSOEVER.'

235. Expressed by prefixing the relative to the interrogative: thus, यः कश्चित् 'whosoever,' यत् किञ्चित् 'whatsoever:': or by repeating the relative; as, यो यः, यद् यद्.

* Prof. Lassen cites an example from the Rámáyana, in which *átman* refers to the dual: *Putram átmanah sprīshṭwá nipetatuh*, 'They two fell down after touching their son.' Anthol. p. 171.

† दृक्ष *drīkṣa*, declined like *śiva* (103), is also used.

PRONOMINALS.

236. There are certain common adjectives which partake of the nature of pronouns, and follow the declension of *tat* at 220.

These are, अन्य 'other,' 'another;' इतर 'other' (cf. Latin *iterum*); अन्यतर 'one of two;' एकतर 'one of two' (ἑκάτερος); एकतम 'one of many;' कतर 'which of the two?' (πότερος for κότερος); कतम 'which of many?' ततर 'that one of two;' ततम 'that one of many;' यतर 'who or which of two;' यतम 'who or which of many.' The above are mostly formed by adding the comparative and superlative affixes to pronominal bases (196. a). They are declined like तत् throughout, and make the N. Ac. neut. sing. in *at*.

237. There are others, however, which make *am* instead of *at* in the N. Ac. neuter. The model of these is सर्व *sarva*, 'all:' thus, Masc. N. सर्वस् *sarvas*, सर्वौ *sarvau*, सर्वे *sarve*; Ac. सर्वं *sarvam*, सर्वौ *sarvau*, सर्वान् *sarvān*; I. सर्वेण, &c.; D. सर्वस्मै, &c.; Ab. सर्वस्मात्, &c.; G. सर्वस्य *sarvasya*, सर्वयोस् *sarvayos*, सर्वेषां *sarveshām*; L. सर्वस्मिन्, &c. Fem. N. सर्वा *sarvá*, सर्वे *sarve*, सर्वास *sarvās*, &c. (220). Neut. N. Ac. सर्वं *sarvam*, सर्वे *sarve*, सर्वाणि *sarvāṇi*.

238. Like *sarva* are declined उभय 'both' (no sing.); विश्व 'all;' नेम 'half;' अधर 'inferior;' पर 'other;' अपर 'other;' अपर 'posterior;' उत्तर 'superior,' 'north;' दक्षिण 'south,' 'right;' पूर्व 'east,' 'prior;' एक 'one;' अन्तर 'other:' but (with the exception of the first three) these may optionally follow *śiva*, at 103, in the abl. loc. sing. masc. and neut., and the nom. pl. masc.; as, अधरस्मात् or अधरात्, &c.

239. द्वितीय 'second,' तृतीय 'third,' may either follow *sarva* at 237, or *śiva* at 103, and make their feminine in *ā*.

240. अल्प 'a few,' अर्द्ध 'half,' कतिपय 'how few?' 'few,' प्रथम 'first,' generally follow *śiva* at 103; but may make their nom. plur. in *e*; as, अल्पे 'few.' उभ, 'both' (*ambo*, ἄμφω), is declined only in the dual; उभौ, उभाभ्यां, उभयोस्.

CHAPTER VI.

VERBS.

GENERAL OBSERVATIONS.

241. ALTHOUGH the Sanskrit verb offers the most striking and interesting analogies to the Greek, nevertheless so peculiar and artificial is the process by which it is formed, that it would be impossible, in treating of it, to adopt an arrangement which would be likely to fall in with the preconceived notions of the classical student.

There are ten tenses. Seven of them are of common occurrence; viz. 1. the present, 2. the potential, 3. the imperative, 4. the first preterite, 5. the second preterite, 6. the first future, 7. the second future. Three are of rare occurrence; viz. 8. the third preterite, 9. the benedictive, 10. the conditional. There is also an infinitive mood, and several participles. Of these tenses, the present, the three preterites, and the two futures, belong properly to the indicative mood; and the imperative, potential, benedictive, and conditional, are more properly moods than tenses. Since, however, these latter moods do not comprehend other tenses under them, but are susceptible of all times, present, past, and future, it can lead to no embarrassment to consider them as tenses, and to arrange them indiscriminately with the tenses of the indicative. Four of the tenses, viz. the present, potential, imperative, and first preterite, are called *conjugational tenses*, and are placed first in order, because to them alone (as will be hereafter explained at 248) the rules of conjugation have reference.

242. Although the three preterites are used without much distinction, yet it should be observed, that they properly express different degrees of past time. The first preterite corresponds in form to the imperfect of Greek and Latin verbs, and properly has reference to an event doing at some time past, and not ended: it is often, however, used like the Greek aorist. The second preterite is said to have reference to an event done and past at some definite period: it answers in form to the Greek perfect, but may also be used like the aorist. The third preterite refers to an event done and past at some indefinite period: it corresponds in form and sense to the Greek 1st and 2d aorist*. So also, the two futures properly express, the first definite, the second indefinite futurity: the second, however, is the most used, and answers to the Greek future. The potential may generally be rendered in English by some one of the auxiliaries, 'may,' 'can,' 'would,' 'should,' 'ought.' The conditional is used after the conjunction *yadi*, 'if:' it occurs, however, but very rarely, and the potential usually supplies its place in conditional sentences. The benedictive or precative is a tense sometimes used in praying and blessing. There is no pluperfect in Sanskrit: the sense of this tense is expressed by the indeclinable participle or by the locative absolute; as, *tasminn apakránte*, 'after he had departed.' See Syntax.

* The fact is, that neither one of the three perfects is very commonly used to represent the completeness of an action. This is generally done by employing the passive participle with an instr. case; or by adding *vat* to the pass. part., and combining it with the present tense of *as*, 'to be;' as, *uktaván asmi*, 'I have said.' See Syntax.

The infinitive mood generally has an active, but is capable of a passive signification.

243. Every tense has three numbers, singular, dual, and plural.

To each tense belong two sets of terminations; one for the active or transitive voice, the other for the reflexive voice. The former of these voices is called by Indian grammarians *Parasmai-pada* ('words for another'), because the action is supposed to pass *parasmai*, 'to another;' the latter is called *Ātmane-pada* ('words for oneself'), because the action is supposed to revert *ātmane*, 'to oneself.' This distinction, however, is rarely observed, and we find verbs, transitive or intransitive, conjugated indifferently in the *Parasmai-pada* or *Ātmane-pada* or both. Some verbs, however, are conjugated only in the *Ātmane*, and are restricted to either a neuter or reflexive signification; or sometimes, when a verb takes both voices, the *Ātmane* may yield its appropriate meaning, and give a sense directing the action in some way towards the agent*. Thus, *dá*, 'to give,' with the preposition *á*, 'to,' prefixed, when conjugated in the *Ātmane-pada*, means 'to give to oneself,' 'to take;' the causal verb *darśayati*, 'he shows,' becomes in the *Ātmane* *darśayate*, 'he shows himself,' 'appears;' the roots *mud* and *ruch*, meaning 'to be pleased,' 'please oneself,' are confined to the *Ātmane*; and *yách*, 'to ask,' although possessing both voices, is more commonly used in the reflexive, the act of asking generally tending to the advantage of the asker.

a. Passive verbs are invariably conjugated in the *Ātmane-pada*. Indeed, in all the tenses, excepting the first four, the passive is generally undistinguishable from the *Ātmane-pada* of the primitive verb. But in the present, potential, imperative, and first preterite (unlike the Greek, which exhibits a perfect identity between the middle and passive voices in those tenses), the Sanskrit passive, although still employing the *Ātmane-pada* terminations, has a special

* In Sanskrit grammar, the term *voice* has reference to the scheme of terminations; so that there are only two voices in Sanskrit, and they are used indiscriminately. Although the *Ātmane-pada*, in a few instances, has a middle sense, yet it cannot be said to correspond entirely with the Greek middle voice, the characteristic of which is that it takes a middle inflection, partly active, partly passive. The passive is a distinct derivative from the root, using the *Ātmane* terminations.

structure of its own, common to all verbs, and distinct from the conjugational form of the *Ātmane-pada*. Thus the Greek *ἀκούω* makes for both the middle and passive of those four tenses, 1st sing. *ἀκούομαι, ἀκουοίμην, ἀκούου, ἠκουόμην*. But the Sanskrit *śru*, ‘to hear,’ makes for the conjugational form of the *Ātmane*, *शृण्वे, शृण्वीय, शृण्वै, अशृण्वि*; while for the passive it is *श्रूये, श्रूयेय, श्रूयै, अश्रूये*. Compare 253, and see Bopp’s Comparative Grammar, Eastwick, 426, 733.

244. As in nouns the formation of an inflective base out of a root precedes the subject of declension, the root requiring some change or addition before the case-terminations can be affixed; so in verbs the formation of a verbal base out of a root must be antecedent to conjugation. Again, as in nouns every case has its own termination, so in verbs each of the three persons, in the three numbers of every tense, has a termination (one for the *Parasmai-pada*, and one for the *Ātmane-pada*) which is peculiarly its own. Moreover, as in nouns, so in verbs, some of the terminations may be combined with memorial letters, which serve to aid the memory, by indicating that where they occur peculiar changes are required in the root. Thus the three terminations which belong to the 1st, 2d, and 3d persons of the present tense, *Parasmai-pada*, respectively, are *mi, si, ti*; and these are combined with the letter P (thus, *miP, siP, tiP*), to indicate that the roots of certain verbs must be modified in a particular way, before these terminations are affixed.

245. The annexed tables exhibit, 1st, the memorial scheme of terminations for *Parasmai* and *Ātmane-pada*, in all the tenses (the four conjugational being placed first); and 2dly, the same scheme without the memorial letters. Since, however, a very large number of roots require changes in the terminations of some of the tenses, it will be convenient, in the second table, to indicate the conjugations in which these changes occur.

246. *Terminations with memorial letters.*

PARASMAI-PADA.			ĀTMANE-PADA.			
<i>Present tense.</i>						
PERS.	SING.	DUAL.	PLURAL.	SING.	DUAL.	PLURAL.
1.	मिप् <i>miP</i>	वस् <i>vas</i>	मस् <i>mas</i>	ए <i>e</i>	वहे <i>vahe</i>	महे <i>mahe</i>
2.	सिप् <i>siP</i>	थस् <i>thas</i>	थ <i>tha</i>	से <i>se</i>	आथे <i>āthe</i>	ध्वे <i>dhwe</i>
3.	तिप् <i>tiP</i>	तस् <i>tas</i>	अन्ति <i>anti</i>	ते <i>te</i>	आते <i>āte</i>	अन्ते <i>ante</i>

Potential.

1. याम् <i>yám</i>	याव <i>yáva</i>	याम <i>yáma</i>	ईय <i>íya</i>	ईवहि <i>ívahi</i>	ईमहि <i>ímahi</i>
2. याम् <i>yás</i>	यातम् <i>yátam</i>	यात <i>yáta</i>	ईयाम् <i>íthás</i>	ईयायाम् <i>íyáthám</i>	ईध्वम् <i>ídhvam</i>
3. यात् <i>yát</i>	याताम् <i>yátám</i>	युस् <i>yus</i>	ईत <i>íta</i>	ईयाताम् <i>íyátám</i>	ईरन् <i>íran</i>

Imperative.

1. आनिप् <i>ániP</i>	आवप् <i>ávaP</i>	आमप् <i>ámaP</i>	रेप् <i>aiP</i>	आवहेप् <i>ávahaiP</i>	आमहेप् <i>ámahaiP</i>
2. हि <i>hi</i>	तम् <i>tam</i>	त <i>ta</i>	स्व <i>swa</i>	आयाम् <i>áthám</i>	ध्वम् <i>dhvam</i>
3. तुप् <i>tuP</i>	ताम् <i>tám</i>	अन्तु <i>antu</i>	तां <i>tám</i>	आताम् <i>átám</i>	अन्ताम् <i>antám</i>

First preterite or imperfect (requiring the augment a).

1. अमिप् <i>amiP</i>	व <i>va</i>	म <i>ma</i>	इ <i>i</i>	वहि <i>vahi</i>	महि <i>mahi</i>
2. सिप् <i>siP</i>	तम् <i>tam</i>	त <i>ta</i>	याम् <i>thás</i>	आयाम् <i>áthám</i>	ध्वम् <i>dhvam</i>
3. दिप् <i>diP</i>	ताम् <i>tám</i>	अन् <i>an</i>	तन् <i>tan</i>	आताम् <i>átám</i>	अन्त <i>anta</i>

Second preterite or perfect.

1. णप् <i>ṇaP</i>	व <i>va</i>	म <i>ma</i>	ए <i>e</i>	वहे <i>vahē</i>	महे <i>mahē</i>
2. थप् <i>thāP</i>	अयुम् <i>athus</i>	अ <i>a</i>	से <i>se</i>	आथे <i>áthe</i>	ध्वे <i>dhvē</i>
3. णप् <i>ṇaP</i>	अतुम् <i>atus</i>	उस् <i>us</i>	ए <i>e</i>	आते <i>áte</i>	इरे <i>íre</i>

First future.

1. तास्मि <i>tásmi</i>	तास्वस् <i>tásvas</i>	तास्मस् <i>tásmas</i>	ताहे <i>táhe</i>	तास्वहे <i>tásvahe</i>	तास्महे <i>tásmahē</i>
2. तासि <i>tási</i>	तास्यस् <i>tásthas</i>	तास्य <i>tásttha</i>	तामे <i>táse</i>	तासाथे <i>tásáthe</i>	ताध्वे <i>tádhwē</i>
3. ता <i>tá</i>	तारौ <i>tárau</i>	तारस् <i>táras</i>	ता <i>tá</i>	तारौ <i>tárau</i>	तारस् <i>táras</i>

Second future.

1. स्यामिप् <i>syámip</i>	स्यावम् <i>syávas</i>	स्यामस् <i>syámas</i>	स्ये <i>sye</i>	स्यावहे <i>syávahe</i>	स्यामहे <i>syámahe</i>
2. स्यसिप् <i>syasip</i>	स्यथम् <i>syathas</i>	स्यथ <i>syatha</i>	स्यसे <i>syase</i>	स्यथे <i>syethe</i>	स्यध्वे <i>syadhvē</i>
3. स्यतिप् <i>syatip</i>	स्यताम् <i>syatas</i>	स्यन्ति <i>syanti</i>	स्यते <i>syate</i>	स्येते <i>syete</i>	स्यन्ते <i>syante</i>

Third preterite or aorist (requiring the augment a).

1. सम् <i>sam</i>	स्व <i>swa</i>	स्म <i>sma</i>	सि <i>si</i>	स्वहि <i>swahi</i>	स्महि <i>smahi</i>
2. सीस् <i>sís</i>	स्तम् <i>stam</i>	स्त <i>sta</i>	स्याम् <i>sthás</i>	सायाम् <i>sáthám</i>	ध्वम् <i>dhvam</i>
3. सीत् <i>sít</i>	स्ताम् <i>stám</i>	सुस् <i>sus</i>	स्त <i>sta</i>	साताम् <i>sátám</i>	सत <i>sata</i>

Benedictive.

1. यासम् <i>yásam</i>	यास्व <i>yásva</i>	यास्स <i>yásma</i>	सीय <i>siya</i>	सीवहि <i>sívahi</i>	सीमहि <i>símahi</i>
2. याम् <i>yás</i>	यास्तम् <i>yástam</i>	यास्त <i>yástā</i>	सीष्टाम् <i>síshthás</i>	सीयास्थाम् <i>síyásthám</i>	सीध्वम् <i>sídhvam</i>
3. यात् <i>yát</i>	यास्ताम् <i>yástám</i>	यासुस् <i>yásus</i>	सीष्ट <i>síshṭa</i>	सीयास्ताम् <i>síyástám</i>	सीरन् <i>síran</i>

Conditional (requiring the augment a).

1. स्यम् <i>syam</i>	स्याव <i>syáva</i>	स्यान् <i>syána</i>	स्ये <i>sye</i>	स्यावहि <i>syárohī</i>	स्यामहि <i>syámahi</i>
2. स्यम् <i>syas</i>	स्यतम् <i>syatam</i>	स्यत <i>syata</i>	स्यथाम् <i>syathás</i>	स्येथाम् <i>syethám</i>	स्यध्वम् <i>syadhvam</i>
3. स्यत् <i>syat</i>	स्यताम् <i>syatám</i>	स्यन् <i>syana</i>	स्यत <i>syata</i>	स्येताम् <i>syetám</i>	स्यन्त <i>syanta</i>

247. *The same terminations without memorial letters.*

PARASMAI-PADA.

ĀTMANE-PADA.

Present tense.

PERS. SING.	DUAL.	PLURAL.	SING.	DUAL.	PLURAL.
1. मि	वस्	मस्	{ इ 1, 4, 6, 10. ए 2, 3, &c.	{ वहे	महे
2. सि or पि	थस्	थ	से or पे	{ इथे 1, 4, 6, 10. अथे 2, 3, 7, 5, 8, 9.	{ ध्वे
3. ति	तस्	{ न्ति 1, 4, 6, 10. अन्ति 2, 7, 5, 8, 9. अति 3.	ते	{ इते 1, 4, 6, 10. आते	{ न्ते 1, 4, 6, 10. अत्ते 2, 3, 7, 5, 8, 9.

Potential.

In 1, 4, 6, 10.			In all the conjugations.		
1. इयं	इव	इम	1. इय	इवहि	ईमहि
2. इस्	इतं	इत	2. ईयास्	ईयाथां	ईध्वं
3. इत्	इतां	इयुस्	3. ईत	ईयातां	ईरन्
In 2, 3, 7, 5, 8, 9.					
1. यां	याव	याम			
2. यास्	यातं	यात			
3. यात्	यातां	युस्			

Imperative.

			रे	आवहै	आमहै
1. आनि	आव	आम			
2. { -1, 4, 6, 10, 5. हि 2, 3, 7, 5, 8, 9. धि 2, 3, 7.	{ तं	त	स्व or प्व	{ इथां 1, 4, 6, 10. आथां 2, 3, 7, 5, 8, 9.	{ ध्वं
3. तु	तां	{ न्तु 1, 4, 6, 10. अन्तु 2, 7, 5, 8, 9. अतु 3.	तां	{ इतां 1, 4, 6, 10. आतां 2, 3, 7, 5, 8, 9.	{ न्तां 1, 4, 6, 10. अतां 2, 3, 7, 5, 8, 9.

In 9, *ána* is substituted for the *hi* of the 2d sing. after roots ending in consonants. A form *तात्* *tát* (cf. Latin *to*, Greek *τω*) may be substituted for *hi* and *tu*, and even for *ta*, to imply benediction, chiefly used in the Vedas.

First preterite (requiring the augment a).

			इ	वहि	महि
1. { म् 1, 4, 6, 10. अं 2, 3, 7, 5, 8, 9.	{ व	म			
2. म्	तं	त	यास्	{ इथां 1, 4, 6, 10. आथां 2, 3, 7, 5, 8, 9.	{ ध्वं
3. त्	तां	{ न् 1, 4, 6, 10. अन् 2, 7, 5, 8, 9. उस् 3.	त	{ इतां 1, 4, 6, 10. आतां 2, 3, 7, 5, 8, 9.	{ न्त 1, 4, 6, 10. अत् 2, 3, 7, 5, 8, 9.

Second preterite.

1.	अ	*इव	*इम		ए	*इवहे	*इमहे
2.	इथ or य	अथुम्	अ		*इषे	आथे	*इध्वे or *इद्वे
3.	अ	अतुम्	उम्		ए	आते	इरे

* Only eight roots, viz. अ, लु, दु, सु, कृ, भृ, मृ, वृ, reject the initial *i* from the terminations marked with *; and of these eight all but अ and वृ reject it also in the 2d sing. The termination इद्वे in the 2d plural, *Ātmane-pada*, is especially applicable to roots ending in vowels, but is admissible for all others.

First future.

1.	तास्मि	तास्वम्	तास्मम्		ताहे	तास्वहे	तास्महे
2.	तासि	तास्थम्	तास्थ		तासे	तासाथे	ताध्वे
3.	ता	तारौ	तारस्		ता	तारौ	तारस्

Many roots prefix *i* to the terminations of the above tense throughout: thus,

1. इतास्मि *itāsmi*, 2. इतासि *itāsi*, &c.

Second future.

1.	स्यामि	स्यावम्	स्यामम्		स्ये	स्यावहे	स्यामहे
2.	स्यसि	स्यथम्	स्यथ		स्यसे	स्यथे	स्यध्वे
3.	स्यति	स्यतम्	स्यन्ति		स्यते	स्यते	स्यन्ते

Many roots prefix *i* to the terminations of the above tense throughout: thus,

1. इष्यामि *ishyāmi*, 2. इष्यसि *ishyasi*, &c.

Third preterite (requiring the augment a).

FORM I.—Terminations of the memorial scheme.

1.	सं	स्व	स्म		सि	स्वहि	स्महि
2.	सीम्	स्तं or तं	स्त or त		स्यास् or याम्	साथां	ध्वं or द्वां
3.	सीत्	स्तां or तां	मुस्		स्त or त	मातां	सत

The same terminations with *i* prefixed, excepting in 2d and 3d sing., where initial *s* is rejected.

1.	इषं	इष्व	इष्म		इषि	इष्वहि	इष्महि
2.	ईस्	इष्टं	इष्ट		इष्टाम्	इषाथां	इध्वं or इद्वं
3.	ईत्	इष्टां	इषुस्		इष्ट	इषातां	इषत

FORM II.—Terminations resembling those of 1st preterite.

1.	अम्	आव or व	आम or म		ए or इ	आवहि	आमहि
2.	अस् or स्	अतं or तं	अत or त		अथाम्	एथां or आथां	अध्वं
3.	अत् or त्	अतां or तां	अन् or उम्		अत	एतां or आतां	अन् or अत

Benedictive.

1. यासं	यास्व	यास्म	सीय	सीवहि	सीमहि
2. यास्	यास्तं	यास्त	सीष्टाम्	सीयास्यां	सीध्वं (-द्वं)
3. यात्	यास्तां	यामुस्	सीष्ट	सीयास्तां	सीरन्

Many roots prefix *i* to the *Ātmane*, but not to the *Parasmai*, of the above tense : thus, 1. इषीय *ishīya*, 2. इषीष्टाम् *ishīshthās*, &c.

Conditional (requiring the augment *a*).

1. स्यं	स्याव	स्याम	स्ये	स्यावहि	स्यामहि
2. स्यस्	स्यतं	स्यत	स्यथास्	स्येयां	स्यध्वं
3. स्यत्	स्यतां	स्यन्	स्यत	स्येतां	स्यन्त

Many roots prefix *i* to the terminations of the above tense throughout : thus, 1. इष्यं *ishyam*, 2. इष्यस् *ishyas*, &c.

a. As an aid in committing the above terminations to memory, observe that the letter *m* generally enters into the 1st sing. *Parasmai*; *s* into the 2d sing. *Parasmai* and *Ātmane*; and *t* into the 3d sing. du. and pl. *Parasmai* and *Ātmane* of all the tenses. Moreover, that the letter *v* occurs in the 1st dual, *m* in the 1st plural of all the tenses, and *dhv* in every 2d plural *Ātmane-pada*. In the potential and 1st preterite *Ātmane*, and in the 2d preterite *Parasmai*, *th* is admitted, instead of *s*, into the 2d sing.; and in the 2d pl. of the last tense, *th* has been dropped, owing to the influence of the heavy reduplication. For the same reason the *t* is dropped in the 3d sing. of the 2d pret. Observe also—When the 1st dual *Parasmai* is *vas*, the 2d and 3d end in *as*, and the 1st plural is *mas*. When the 1st dual *Parasmai* is *va*, the 2d and 3d end in *tam*, *tám*, and the 1st plural in *ma*. When the 1st dual *Ātmane* is *vahe*, the 1st plural is *mahe*, and the last letter of the remaining terminations is generally *e*. When the 1st dual *Ātmane* is *vahi*, the 2d and 3d end in *ám*; the 1st plural is *mahi*, and the 2d plural is *dhvam*. Note also—The terminations of the 2d future resemble those of the present, with *sya* prefixed. Those of the 1st future also resemble the present, with *tá* or *tás* prefixed. Those of the conditional resemble the 1st preterite, with *sya* prefixed. Those of the 3d preterite also resemble the 1st preterite, with *s* prefixed. Those of the benedictive resemble the potential, with *s* inserted in most of the *Parasmai*; and with *s* both inserted and prefixed in some of the *Ātmane*.

b. The frequent occurrence of *m* in the 1st sing., of *s* in the 2d, of *t* in the 3d, of *mas* and *ma* in the 1st pl., of *ta* in the 2d pl., and of *ant* in the 3d pl., suggests a comparison with the Greek and Latin verb. We may remark, that *m*, the characteristic of the 1st person sing., is suppressed in the present tense active of all Greek verbs excepting those in μ (*asmi* = $\epsilon\mu\mu\acute{\iota}$, *dadómi* = $\delta\acute{\iota}\delta\omega\mu\acute{\iota}$), and also in Latin verbs (except *sum* and *inquam*); but ω and *o* answer to the Sanskrit *á* of *bharámi* = $\phi\acute{\epsilon}\rho\omega$, *fero*. In the Greek middle and passive, the μ , which originally belonged to all active verbs, appears in $\mu\alpha\iota$; while the Sanskrit, on the other

hand, here suppresses the *m*, and contracts *a i* into *e* (see 32); *bhare* (for *bhara-me* for *bhara-mai*) = *φέρομαι*. Greek has *μ* in the 1st sing. optative or potential; and in verbs in *μ*, *ν* takes the place of the mute *m* of Sanskrit and Latin: thus, *bhareyam* = *φέρωμι*, *feram*; *dadyám* = *διδούην*, *dem*; *tishtheyam* = *ἵσταίην*, *stem*. In the 1st preterite or imperfect, Greek has *ν* for the Sanskrit and Latin mute *m*; *atarpam* = *ἔτερπον*, *adadám* = *ἐδίδων*, *astrinavam* = *ἐστόρουν*, *avaham* = *vehebam*. In the first Greek aorist, *m* is suppressed, so that Sanskrit *adiksham* (3d pret.) = *ἔδειξα*; but not in the 2d aorist, so that *adám* = *ἔδων*. In the 2d preterite the Sanskrit *a* = Greek *α*, *tutopa* = *τέτυφα*. In the Greek middle and passive futures, *m* is retained, but not in the active; *dásyámi* = *δώσω*, *dekshyámi* = *δείκσω*, *dásye* = *δώσομαι*. As to the 1st person plural, the Sanskrit *mas* of the pres. is *μεν* (for *μες*) in Greek, and *mus* in Latin; *tarpá-mas* = *τέρπο-μεν*; *sarpá-mas* = *ἔρπο-μεν*, *serpi-mus*; *dad-mas* = *δίδο-μεν*, *da-mus*; *tishthá-mas* = *ἵστα-μεν*, *sta-mus*. The *Átmane-pada mahe* answers to the Greek *μεθα*; *dad-mahe* = *διδόμεθα*. As to the other tenses, in the potential 1st pl. *bhare-ma* = *φέροι-μες* (-μεν), *fera-mus*; *dadyáma* = *διδούι-μες* (-μεν), *demus*; *dadí-mahi* = *διδούι-μεθα*. In the 1st preterite 1st pl. *abhará-ma* = *ἐφέρο-μεν*, *fereba-mus*; *avahá-ma* = *veheba-mus*; *adad-ma* = *ἐδίδο-μεν*; *abhará-mahi* = *ἐφερόμεθα*. In the 2d future, *dásyá-mas* = *δώσο-μεν*, *dekshyá-mas* = *δείκσο-μεν*. In the 2d pers. sing. active, the characteristic *s* has been preserved in all three languages: thus, in the present, the Sanskrit *asi* = *ἔσσί*, *es*; *dadá-si* = *δίδωσι*, *das*; *bhara-si* = *φέρεις*, *fers*; *vahasi* = *vehis*. In the *Átmane*, the Sanskrit *se* (for *sai*, by 32) answers exactly to the Greek *σαι* of verbs in *μ* (*tishtha-se* = *ἵστασαι*). In other Greek verbs, *s* has been rejected, and *εαι* contracted into *η*, something in the way of Sanskrit (*τύπτη* for *τύπτεσαι*). In the 2d dual, *thas* = Greek *των*, and in the 2d plur. *tha* = *τε* and *tis*; *bhara-thas* = *φέρε-των*; *tishtha-tha* = *ἵστα-τε*, *statis*; *bhara-tha* = *φέρε-τε*, *fer-tis*. In the 2d pl. *Átmane*, *bhara-dhwe* = *φέρεσθε*. As to the other tenses, in the 2d sing. potential, *tishthes* = *ἵσταίης*, *stes*; *dadyás* = *διδούης*, *des*; *vahes* = *vehas*; *bhares* = *φέρεις*, *feras*; in 2d du. *bhare-tam* = *φέροι-των*; in 2d pl. *tishtheta* = *ἵσταίητε*, *stetis*; *dadyáta* = *διδούητε*, *detis*; *bharetá* = *φέριτε*, *feratis*. In the 2d sing. imperative, *hi* and *dhi* answer to Greek *θι*. *Dhi* was originally universal in Sanskrit (see 291), as in Greek verbs in *μ*; *e-dhi* = *ἵσ-θι*, *vid-dhi* = *ἴσ-θι*, *de-hi* = *δίδο-θι*. Many verbs drop the termination *hi* both in Greek and Sanskrit; as, *ἤτ* = *φέρε*, and compare *δείκνυ* with *chinu*, &c. In the 2d du. imp. *tam* = *των*, and *ta* = *τε*. In the imperative *Átmane*, *swa* = the old form *σο*; *bhara-swa* = *φέρε-σο* (old form of *φέρου*); *dat-swa* = *δίδο-σο*; *áthám* = *εσθον*, &c. In the 2d sing. 1st pret. *atarpas* = *ἔτερπεσι*, *avahas* = *vehebas*, &c. So also, *tam* = *των*, *adat-tam* = *ἐδίδο-των*, *ta* = *τε*, *adat-ta* = *ἐδίδο-τε*. In the *Átmane*, *thás* is found for *sás* in the 2d sing. of the 1st pret., as well as of the potential; hence *abhara-thás* = *ἐφέρε-σο*, *adat-thás* = *ἐδίδο-σο*, *dadí-thás* = *δίδοι(σ)ο*. In the 2d pret. the *tha* of the 2d sing. = Latin *sti*; *dad-itha* = *dedi-sti*, *tasthi-tha* = *steti-sti*, *tutodi-tha* = *tutudi-sti*. In the 3d pret. *adás* = *ἔδωσι*, *avákshís* = *vexisti*. In the 3d pers. sing. active, Greek has dropped the characteristic *t* (except in *ἔστί* = Sansk. *asti*, Lat. *est*); *bharati*

= $\phi\acute{\epsilon}\rho\epsilon(\tau)$, *fert*; *rahati* = *vehit*. Verbs in μ have changed *t* to *s*; *dadāti* = $\delta\acute{\iota}\delta\omega\sigma\iota$ (for $\delta\acute{\iota}\delta\omega\tau\iota$). In the *Ātmane*, *bharate* = $\phi\acute{\epsilon}\rho\epsilon\tau\alpha\iota$. In the potential, *bharet* = $\phi\acute{\epsilon}\rho\sigma\iota$, *dadyāt* = $\delta\acute{\iota}\delta\omega\acute{\iota}\eta$. In the imperative, *bhara-tu* or *bhara-tāt* = $\phi\epsilon\rho\acute{\epsilon}\text{-}\tau\omega$, *fer-to*. In the 1st pret. *avahat* = *vehebat*, *abharata* = $\acute{\epsilon}\phi\acute{\epsilon}\rho\epsilon\tau\omicron$. In the 2d pret. *tutopa* = $\tau\acute{\epsilon}\tau\upsilon\phi\epsilon$. In the 3d pret. *avākshāt* = *verit*, *adikhata* = $\acute{\epsilon}\delta\acute{\epsilon}\iota\kappa\sigma\alpha\tau\omicron$. As to the 3d pl., in the above tenses, *bharanti* = $\phi\acute{\epsilon}\rho\omicron\upsilon\sigma\iota$, *ferunt*; *vahanti* = *vehunt*; *bharante* = $\phi\acute{\epsilon}\rho\omicron\upsilon\tau\alpha\iota$; *dadati* = $\delta\acute{\iota}\delta\omega\acute{\upsilon}\sigma\iota$; *tishṭanti* = *stant*; *bhareyus* = $\phi\acute{\epsilon}\rho\omicron\iota\epsilon\upsilon\upsilon$; *bharantu* = *ferunto*; *abharan* = $\acute{\epsilon}\phi\epsilon\rho\omicron\nu$; *abharanta* = $\acute{\epsilon}\phi\acute{\epsilon}\rho\omicron\nu\tau\omicron$; *āsan* = $\acute{\eta}\sigma\alpha\nu$; *atarpishus* = $\acute{\epsilon}\tau\epsilon\rho\psi\alpha\nu$; *dāsyaṅte* = $\delta\acute{\omega}\sigma\omicron\nu\tau\alpha\iota$. See Bopp's Comparative Grammar, *passim*.

248. The above terminations are supposed to be applicable to all verbs, whether primitive or derivative: and as in nouns, so in verbs, the theory of Indian grammarians is, that before these terminations can be affixed to roots, an inflective base must be formed out of the root. Ten different rules, therefore, are propounded for forming verbal bases out of roots in the first four tenses; while all verbs are arranged under ten classes, according as they follow one or other of these rules. In the other tenses there is only one general rule for forming the base.

These ten classes of verbs are called *the ten conjugations*; and the four tenses, which alone are affected by the conjugational rules (viz. the present, potential, imperative, and first preterite), are called *the conjugational tenses*. It is evident, however, that the ten conjugations are hardly conjugations in the classical sense of the term. They are rather ten rules for moulding and fashioning ten classes of roots into the proper form for receiving a common scheme of terminations in four of the tenses only.

249. The following is a brief summary of the ten rules for forming the base of the four conjugational tenses in the ten classes of verbs, according to the Indian arrangement of the conjugations.

1st class (1st conjugation). Gunaṭe the vowel of the root (unless it be $\text{अ } a$ or precede a double consonant, 28. *b*) before *every termination of the four tenses*, and affix the vowel $\text{अ } a$ —lengthened to $\text{आ } \acute{a}$ before initial *m* or *v*—to the root thus gunaṭe.

2d class (2d conjugation). Gunaṭe the radical vowel (unless it be $\text{अ } a$ or precede a double consonant) before those terminations only which are marked with P in the scheme at 246. Before all the other terminations the original vowel of the root must be retained.

3d class (3d conjugation). Reduplicate the initial consonant and

vowel of the root, and gunate the radical but not the reduplicated vowel before the P terminations only, as in the 2d conjugation.

4th class (4th conjugation). Affix य *ya*—lengthened to या *yá* before initial *m* or *v*—to the root, the vowel of which is generally left unchanged.

5th class (5th conjugation). Affix नु *nu* to the root, and gunate this *nu* into *no* before the P terminations only.

6th class (6th conjugation). Affix अ *a*—lengthened to आ *á* before initial *m* or *v*—to the root, which in other respects generally remains unchanged.

7th class (7th conjugation). Insert न *na* between the vowel and final consonant of the root before the P terminations, and न् *n* before the other terminations. Observe the peculiarity of this conjugation—that the conjugational *na* or *n* is inserted into the *middle* of the root, and not affixed.

8th class (8th conjugation). Affix उ *u* to the root, and gunate this *u* into *o* before the P terminations only. Observe—As all the roots, except one, in this class, end in *n*, the 8th conjugation will appear to be exactly similar to the 5th.

9th class (9th conjugation). Affix ना *ná* to the root before the P terminations; नी *ní* before all the others, excepting those beginning with vowels, where only न् *n* is affixed.

10th class (10th conjugation). Gunate the radical vowel throughout all the persons of all the tenses, and affix अय *aya*—lengthened to अया *ayá* before initial *m* or *v*—to the root thus gunated.

250. It will appear, from a cursory examination of the above rules, that the object of all of them, excepting the 2d, 3d, and 7th, is to insert a vowel, either alone or preceded by *y* or *n*, between the modified root and the terminations; and that the 1st, 4th, 6th, and 10th, agree in requiring that the vowel, which is immediately to precede the terminations, shall be *a*. It will appear, moreover, that the 2d, 3d, and 7th, alone agree in not interposing a vowel between the final of the root and the terminations; and that the 5th, 8th, and 9th, agree in interposing either *u*, *á*, or *í*, after the letter *n*.

a. It must never, however, be forgotten, that the conjugational characteristic, whatever it may be, has reference only to the four conjugational tenses (excepting only in the 10th conjugation), and that in the other tenses the base is formed according to one general

rule for all verbs of whatever conjugation ; or, in other words, that in these tenses all verbs, of whatever class, are as if they belonged to one common conjugation.

b. It is evident, that a comparison between the difficulty of the Sanskrit and Greek verb would be greatly to the advantage of the former. The Greek verb has three voices, and about ninety tenses and moods : the Sanskrit has only two voices, and not more than twenty tenses and moods. Besides which, a far greater number of verbs are susceptible of the three voices in Greek, than of the two in Sanskrit. Moreover, in Sanskrit there are no contracted verbs, and no difficulties resulting from difference of dialect ; and although there are ten conjugations, yet these have reference to four tenses only ; and, under some of these conjugations, only two or three common verbs are contained.

251. Hence it appears, that the very meaning of Sanskrit conjugation is the *Sandhi* or junction of a verbal base (formed out of a root according to ten rules for four of the tenses, and one general rule for the other tenses) with a common scheme of terminations, and that in conjugating a verb, two things have to be done ; 1st, to form the base from the root, in the manner described above ; 2dly, to join the base with the terminations, according to the rules of *Sandhi*.

252. Before proceeding to a detailed explanation of the formation of the verbal base of the simple or primitive verb, under the several classes, it will be worth while to specify the four other verbs deducible from roots, and to explain how they are derived.

a. It has been already shown, at 74, that there are a large number of monosyllabic sounds in Sanskrit, called *roots*, which are the source of verbs as well as nouns. These roots are in number about two thousand ; and the theory of grammarians is, that each of them may serve as the rough block out of which the inflective bases of five kinds of verbs may be fashioned : 1. of a primitive, transitive or intransitive ; 2. of a passive ; 3. of a causal, having often a causal and often merely a transitive signification ; 4. of a desiderative, giving a sense of wishing to the root ; and 5. of a frequentative (or intensive), implying repetition, or heightening the idea contained in the root.

b. It will be found, however, in practice, that the greater number of these two thousand roots never occur at all in the form of verbs, nor, indeed, in any other form but that of the nouns to which they give origin ; and that the roots in real use, as the source of verbs, are comparatively few. Of these few, moreover, certain particular roots (such, for example, as कृ *kṛi*, 'to do'), as if to compensate

for the inactivity of the others, are kept in constant employment; and, by compounding them with prepositions and other prefixes, applied to the expression of the most various and opposite ideas. Nevertheless, theoretically, from every root in the language may be elicited five kinds of verbal bases.

The first, or primitive verb, is formed from the root, according to the ten different rules (or conjugations) applicable to the formation of the base in the first four tenses. The second, or passive, is formed according to the rule for the change of the root, required by the 4th conjugation; viz. the addition of *ya* in the first four tenses. The third, or causal, is formed according to the rule for the change of the root, required by the 10th conjugation; viz. the addition of *aya* to the root in all the tenses excepting the 3d preterite. The fourth, or desiderative, is formed by the addition of *sa* or *isha*, the root also undergoing reduplication. The fifth, or frequentative, is formed like the passive, according to the rule required by the 4th conjugation, and is, in fact, a reduplicated passive verb. It may also be formed analogously to the rule for the 3d conjugation. Thus, take the root **शुभ्** *śubh*, conveying the idea of ‘shining’—from this are elicited, 1st, the primitive verbal base, *śobha*, ‘to shine;’ 2dly, the passive, *śubhya*, ‘to be bright;’ 3dly, the causal, *śobhaya*, ‘to cause to shine’ or ‘illuminate;’ 4thly, the desiderative, *śuśobhisha*, ‘to desire to shine;’ 5thly, the frequentative or intensive, *śośubhya* or *śośobh*, ‘to shine very brightly.’

a. Note, that as every root may be the source of five different kinds of verbs, so every noun may be the source of a class of verbs (not much used) called *nominal verbs*. A brief explanation of these will be found after frequentatives at 518.

253. It has already been remarked, that the passive can hardly be considered a *voice*, according to the classical acceptation of the term. In Greek and Latin, a verb in the passive voice corresponds in form with the same verb in the active: thus *audior* corresponds with *audio*, *ἀκούομαι* with *ἀκούω*, the terminations or system of inflection only being changed. And in Greek, a verb in the passive corresponds with the same verb in the middle voice, both in the form and in the terminations of most of its tenses. But, in Sanskrit, the form of the passive varies entirely in the conjugational tenses from that of the active verb (unless that verb belong to the 4th conjugation), whilst the terminations may sometimes be the same, viz. those of the *Ātmane-pada*. It is rather a distinct derivative from the root, formed on one invariable principle, without any necessary community with the conjugational structure of the active verb. Thus the root *bhid*, ‘to divide,’ is of the 7th conjugation, and makes *bhinatti* or *bhinte*, ‘he divides;’ *dwish*, ‘to hate,’ is of the 2d conjugation, and makes *dweshṭi* or *dwishṭe*, ‘he hates;’

but the passive of both is formed according to one invariable rule, by the simple insertion of *ya*, without reference to the conjugational form of the active: thus, *bhidgate*, 'he is divided;'; *dwishyate*, 'he is hated.' See 243. *a*.

a. In fact, though it be a distinct derivative from the root, a passive verb is nothing but a verb of the 4th conjugation restricted to the *Ātmane-pada*: and to say that every root may take a passive form, is to say that roots of the 1st, 2d, 3d, 5th, 6th, 7th, 8th, 9th, and 10th conjugations may all be conjugated in the 4th conjugation, with a passive sense: so that if a root be already of the 4th conjugation, its passive form is generally, though not always, identical with its own *Ātmane-pada*.

b. It might even with reason be suspected, that the occasional assumption of a neuter signification and a *Parasmai-pada* inflection by a passive verb, was the cause which gave rise to the 4th conjugation. Instances are certainly found of passive verbs taking *Parasmai-pada* terminations, and many passive verbs (for example, *jáyate*, 'he is born,' from the root *jan*; *púryate*, 'he is filled,' from the root *prí*; and *tapyate*, 'he is heated,' from the root *tap*) are confounded with verbs of this conjugation*. So that it seems not unlikely, that, by making the 4th conjugation, grammarians only meant to say that the passive form of verbs, or the addition of *ya* to the root, is also the form that may be used to express a neuter or intransitive signification; the only difference requisite to be made between the two forms being exactly that which might be expected to exist between them; viz. that the one should take the *Ātmane-pada*; the other, the *Parasmai-pada* inflection. This fact, at least, is clear that the *Parasmai-pada* of the 4th conjugation is the form used in numerous roots to yield a neuter signification; and that the *Ātmane-pada* is identical with the form used to yield a passive sense; so that the 4th conjugation can hardly be said to possess an *Ātmane-pada*†. Hence it arises, that many roots appear in the 4th conjugation as neuter verbs, which also appear in some one of the other nine as transitive. For example, *yuj*, 'to join,' when used in an active sense, is conjugated either in the 7th conjugation, or in the causal; when in a neuter, in the 4th. So also, *push*, 'to nourish;'; *kshubh*, 'to agitate;'; *kliś*, 'to vex;'; *sidh*, 'to accomplish.'

254. Similarly, although causal verbs are said to be distinct derivatives from the root, they are in point of fact verbs of the 10th conjugation, inflected either in *Parasmai* or *Ātmane*. To say, therefore, that every root may take a causal form, is to say that roots of the first nine conjugations may all be conjugated in the

* That the passive does occasionally take the terminations of the *Parasmai-pada* is shown by Professor Bopp, who gives several instances; as, *chhidyet* for *chhidiyeta*, 'it may be cut.' *Nal.* xiv. 6; *mokshyasi* for *mokshyase*, 'thou shalt be liberated.' Other instances may be found in Westergaard; as, *vidyati* for *vidyate*.

† At any rate, the forms given for the 3d preterites of such verbs as *pad*, 'to go,' *budh*, 'to know' (which are said to be *Ātmane* verbs of the 4th conjugation), could only belong to passive verbs. The forms given by Westergaard are, *apádi*, *abodhi*. See 475.

10th conjugation, with a causal sense; and that if a root be already of the 10th conjugation, it can then have no distinct form for its causal, the primitive verb and the causal being in that case identical (see 289). Indeed, it might reasonably be conjectured, that the occasional employment of a causal verb in a transitive, rather than a causal sense, was the only reason for creating a 10th conjugation. It would certainly simplify the subject, if this conjugation were not separated from the causal; or, in other words, if the addition of *aya* to the root were considered in all cases as the mark of a causal verb. One thing, at least, is plain, that this affix is not the sign of a separate conjugation, in the way that *nu* is the sign of the 5th conjugation, or in the way of any other conjugational syllable; for it is retained in most of the other tenses of the verb, not only in the first four, just as the desiderative *ish* is retained.

255. The subject of verbs, therefore, will divide itself into two heads. In the first place, the formation of the base; 1st of primitive, 2dly of passive, 3dly of causal, 4thly of desiderative, 5thly of frequentative verbs; with their respective participles. In the second place, the exhibition, at full, of the base, united to its terminations, under each of the five forms of verbs consecutively.

Under the first head will be shown, how the root has to be changed before the terminations can be affixed; while the mode of affixing the terminations to the root, thus changed, will at the same time be indicated. Under the second head, the five forms of verbs beginning with primitives will appear conjugated in detail; the base, or changed root, being combined with its terminations in regular sequence.

PRIMITIVE VERBS.

FORMATION OF THE BASE OF THE FIRST FOUR TENSES, IN THE TEN CONJUGATIONS.

256. A brief summary of the formation of the base, in the ten classes of verbs, has already been given at 249; and a great peculiarity has been noted—that the rules of conjugation have reference only to the first four tenses, called *conjugational*, viz. the present, potential, imperative, and first preterite.

Remember, that after passing these four tenses the conjugational structure of the base is forgotten; and in the formation of the bases of the six remaining tenses all roots conform to one general rule, and are as if they belonged to one general conjugation. Hence the six last tenses are called *non-conjugational*. The tenth class alone retains the conjugational structure of the base throughout *most of the non-conjugational tenses*; but as this class consists chiefly of causal verbs, no confusion can arise from this apparent inconsistency. Of the 2000 roots, more than half follow the 1st conjugation, about 130 follow the 4th, about 140 the 6th,

and all may follow the 10th (see 289). Of the remaining roots, about 70 follow the 2d, but not more than 20 are *in common use*; about 20 follow the 3d, of which not half are in common use; about 24, of which hardly 6 are common, follow the 7th; about 30, of which 10 are common, the 5th; about 10, of which only 2 are common, the 8th; about 52, of which 15 are common, the 9th.

257. Primitive verbs, therefore, will separate themselves into ten classes, according as they fall under one or other of the ten conjugations; and these ten conjugations may be segregated into three groups.

a. The 1st group is the most important and comprehensive, as comprising verbs of the 1st, 4th, 6th, and 10th classes, which agree in making their inflective bases end in *a*, and in taking substitutions for some of the terminations, as indicated at 247.

b. The 2d group comprises verbs of the 2d, 3d, and 7th classes, which agree in affixing the regular terminations (at 246) to the final letter of the root, without the intervention of a vowel.

c. The 3d group, comprising verbs of the 5th, 8th, and 9th classes, also affixes the regular terminations to the root; but after the intervention of either *u*, *á*, or *í*, preceded by the consonant *n*.

It will be convenient, in giving a detailed explanation of the formation of the base under each conjugation, to adhere to the grouping of the above divisions.

258. Although, to prevent confusion, it is advisable to preserve the Indian classification of verbs into ten classes, and therefore into ten conjugations; yet it would be more in unison with the classical idea of a conjugation, to arrange all verbs under three classes and three conjugations, according to the above grouping. The classical student may, if he please, consider that verbs of the 1st, 4th, 6th, and 10th classes constitute his first conjugation; verbs of the 2d, 3d, and 7th classes, his second conjugation; and verbs of the 5th, 8th, and 9th, his third conjugation.

a. In comparing Sanskrit verbs with Greek and Latin, observe that the first group of conjugations in Sanskrit, viz. the 1st, 4th, 6th, and 10th, answers to the Greek first conjugation in ω , the conjugational Ψa becoming o or ϵ in Greek (*tarúmas* = *τέρομεν*, *tarpatha* = *τέπτετε*); and although the Greek first conjugation contains more subdivisions than the first group in Sanskrit, yet the inflection of these subdivisions is similar. As to the Sanskrit 10th conjugation, however, it appears to correspond to Greek verbs in $\alpha\zeta\omega$ and $\iota\zeta\omega$, which, like the 10th, are generally found in company with other verbs from the same root: thus, *καθαρίζω*, 'I make pure' (*καθαίρω*), *στενάζω*, 'to groan' (*στένω*), where ζ is substituted for Ψy , as in $\zeta\epsilon\acute{\alpha}$ for $\Psi\epsilon$ 'barley.' To this class also may be referred verbs in

aw and *ew*: thus *párayámi* = *περάω*, where the *y* has been dropped, and the two *a*'s combined. Latin verbs in *io*, like *audio* &c., seem to be related to the Sanskrit 4th class, as well as to the 10th: thus *cupio* answers to *kupyámi*; and the *e* of *audiebam* answers to the *aya* of the 10th, just as in Prákrít *aya* is contracted into *ए e*. The second and third groups of conjugations in Sanskrit (viz. the 2d, 3d, 7th, 5th, 8th, and 9th) answer to Greek verbs in *μι*: thus *emi* 2d conj. = *εἶμι*, *dadámi* 3d conj. = *δίδωμι*. The 7th conjugation, however, has no exact parallel in Greek, but many Greek and Latin verbs resemble it in inserting a nasal into the middle of the root; see 342. *a*. The 5th and 8th conjugations answer to Greek verbs in *νυ* and *υ*; and *νυ* and *υ* are lengthened before certain terminations, just as *nu* is gunated in Sanskrit: thus *strīṇomi* = *στόρνῶμι*, *strīṇoshi* = *στόρνῶς*, *strīṇoti* = *στόρνῶτι*, *strīṇumas* = *στόρνυμες*, &c. The 9th conjugation answers to Greek verbs in *νᾶ* (*νη*): thus *krínámi* = *πέρνᾶμι* (*πέρνημι*), *krínámas* = *πέρναμες*. Compare also Latin forms in *ni*: thus *sternimus* = Sans. *strīṇímas*, from *stri*, 9th conj. See Bopp's Comparative Grammar.

FORMATION OF THE BASE IN THE 1ST, 4TH, 6TH, AND 10TH CLASSES OF VERBS.

259. Before entering upon the formation of the base, observe particularly that the 1st, 4th, 6th, and 10th classes take substitutions for some of the terminations, especially in the potential Parasmai, and in the 2d and 3d dual of the present, imperative, and 1st preterite, Átmane-pada. In the 2d sing. imperative they reject the termination *. See the scheme at 247.

260. Observe also, that it is an universal rule in all ten conjugations that the augment *अ a* be prefixed to the base of the 1st preterite; and when the base begins with *अ a* or *आ á*, the augment blends with these vowels into *á*, by 31 (just as in Greek *ε* and *ε* become *η* in *ἡγεῖρον*, &c.).

a. But when the augment *a* is prefixed to bases beginning with the vowels *इ i*, *उ u*, and *ऋ ri*, short or long, it blends with them into *ऐ ai*, *औ au*, *आर् ár* (instead of *e*, *o*, *ar*, by 32). Thus the base *इच्छ ichchha* becomes in the 3d sing. 1st preterite *ऐच्छत् aichchhat*, the base *उह úha* becomes *औहत auhata*, and the base *ऋधो rīdhno* becomes *आर्ध्नो árdhnot*.

b. This rule applies to two of the non-conjugational tenses also, viz. the 3d preterite and the conditional. Note, that the 1st and 3d preterites and the conditional are the only three tenses that take the augment *a*.

* Probably in consequence of the haste with which 'command' is generally expressed.

First class (1st conjugation), containing about 1000 primitive verbs.

261. Rule for the formation of the base in the four conjugational tenses. Guṇate the vowel (except when debarred by 28. *b*) before every termination of all the four tenses, and affix the vowel अ *a* to the root so guṇated. Note, that this vowel अ *a* is lengthened into आ *á* before the initial *m* or *v* of a termination, but not when *m* is final, as in the 1st sing. 1st preterite.

262. Thus, from the root बुध् *budh*, 'to know,' is formed the base बोध *bodha*, lengthened into बोधा *bodhá* before *m* and *v* (Pres. 1. * *bodhá + mi = बोधामि bodhámi*, *bodha + si = बोधसि bodhasi*, *bodha + ti = बोधति bodhati*; Du. 1. *bodhá + vas = बोधावस् bodhávas*, &c.; Átm. Pres. *bodha + i = बोधे bodhe* by 32, *bodha + se = बोधसे bodhase*, &c.). See table at 583.

263. Similarly, from जि *ji*, 'to conquer' (see 590), comes the base जय *jaya*, liable to be lengthened into जया *jayá*, as before (36. *a*); from नी *ní*, 'to lead,' the base नया *naya* or *nayá*; from भू *bhú*, 'to be' (*φύω*, Lat. *fu*), the bases भवा *bhava* and *bhavá* (Pres. 1. भवामि *bhavámi*, 36. *a*; 2. भवसि *bhavasi*, *φύεις*, &c., see 584); from सृप् *sṛip*, 'to creep,' the base सर्प *sarpa* or *sarpá* (see 28); from कृप् *klṛip*, 'to make,' the base कल्प *kalpa* or *kalpá*.

a. Note, that *bhú*, 'to be' or 'to become,' is one of the commonest verbs in the language, and like *as*, 'to be,' at 584, 321, is sometimes used as an auxiliary. It is conjugated at full at 585.

264. In the potential the final *a* of the base blends with the initial *i* of the termination by 32 (Pot. 1. *bodha + iyam = बोधेयं bodheyam*). So also in the Pres. Átm. (बोधे &c.). See table at 583.

265. In the imperative the termination is rejected in the 2d sing. (Imp. 1. *bodha + áni = बोधानि bodháni*, 2. बोध *bodha*, 3. *bodha + tu = बोधतु bodhatu*).

266. The base of the 1st preterite has the augment अ *a* prefixed by 260 (1st Pret. 1. *abodha + m = अवोधं abodham*, 2. *abodha + s = अवोधस् abodhas*, &c.).

267. Roots like पच् 'to cook,' भिष् 'to beg,' जीव् 'to live' (603), take the inserted अ *a*, liable to be lengthened to आ *á*, but forbid the Guṇa change by 28. *b* (Pres. 1. पचामि &c.; Átm. 1. भिक्षे &c.; Pres. 1. जीवामि &c.).

* 1. stands for 1st singular; Du. 1. for 1st dual; Pl. 1. for 1st plural, &c.

268. There are some roots ending in the Vṛiddhi ऐ *ai* which cannot be guṇated, but suffer the usual change of Sandhi before अ *a* and आ *á* by 37; as, from गै 'to sing,' ग्लै 'to be weary,' लै 'to preserve,' ध्यै 'to meditate,' झै 'to fade,' are formed the bases गáya, gláya, tráya, dhyáya, mláya. See 595. a.

269. Some roots of the 1st conj. form their bases in the first four tenses by a change peculiar to themselves, which change is of course discarded in the other tenses: thus, from स्था 'to stand' (see 587), घ्रा *ghrá*, 'to smell' (588), पा 'to drink' (589), ध्वा 'to blow,' घ्ना 'to repeat over,' come the bases तिष्ठ *tishṭha*, जिघ्र *jighra*, पिव *piva*, धम *dhama*, मन *mana*, the final *a* being, as before, liable to be lengthened.

a. Note, that the roots स्था *sthá* and घ्रा *ghrá* are properly reduplicated verbs of the 3d class at 330. The reduplicated base, by 331, would be *tasthá, jaghrá*: but as the reduplication is irregular, and the radical *á* is shortened, grammarians place these roots under the 1st class. The Greek ἴστημι, on the other hand, has not shortened its radical vowel in the singular.

270. Again, from दृश् 'to see,' गम् 'to go,' यम् 'to restrain,' सद् 'to sink,' are formed the bases पश्य *paśya*, गच्छ *gachchha*, यच्छ *yachchha*, सीद् *sída* (Pres. I. पश्यामि *paśyámi*, &c.).

271. गुह् 'to conceal' forms गूह *gúha*; गुप् 'to protect,' गोपाय *gopáya*; and दंश् 'to bite,' दश *daśa* (Pres. I. गूहामि *gúhámi*, &c.).

Fourth class (4th conjugation), containing about 130 primitive verbs.

272. Rule for the formation of the base in the four conjugational tenses. Affix य *ya* to the root. The vowel of the root is not guṇated, and generally remains unchanged. Note, that the inserted य *ya* is liable to become या *yá* before an initial *m* or *v* of the terminations of the four tenses (but not before the *m* of the 1st sing. 1st preterite), as in the 1st class at 261.

273. Thus, from सिध् *sidh*, 'to succeed,' is formed the base सिध्य *sidhya* (Pres. I. *sidhyá + mi* = सिध्यामि *sidhyámi*, 2. सिध्यमि *sidhyasi*, &c.; Pot. I. *sidhya + iyam* = सिध्येयं *sidhyeyam*, 2. सिध्येस् *sidhyes*, &c.; Imp. I. *sidhya + áni* = सिध्यानि *sidhyáni*, &c.; 1st Pret. *asidhya + m* = असिध्यं *asidhyam*, &c.; Átm. Pres. I. *sidhya + i* = सिध्ये *sidhye*, *sidhya + se* = सिध्यसे *sidhyase*, &c.). See 616.

274. Similarly, from मा *má*, 'to measure,' the base माय *máya* (Pres. I. Átm. *máya + i* = माये *máye*, &c.); from क्षिप् *kship*, 'to throw,' क्षिप्य *kshipya*; from नृत् *ṛit*, 'to dance,' नृत्य *ṛitya*; from डी 'to fly,' डीय (Pres. Átm. I. डीये).

275. Roots ending in *am* and *iv*, and one in *ad*, lengthen the vowel; as, from दिव *div*, 'to play,' दीव्य *dívya*; from भ्रम् *hram*, 'to wander,' भ्राम्य *bhránya*; from मद् *mad*, 'to be mad,' माद्य *mádyā*.

276. If a root contain a nasal it is generally rejected; as, from भंश् 'to fall,' भश्य *bhraśya*; जन् 'to be born' makes जाय *jáya* (Pres. 1. Átm. जाये), lengthening the vowel, to compensate for the loss of *n*.

a. Roots ending in ओ *o* drop this *o* before the conjugational *ya*: thus सो *so*, 'to destroy,' makes its base *śya*.

277. The following are anomalous. From जृ 'to grow old,' जीर्य *jírya*; from व्यथ 'to pierce,' विध्य *vidhya*; from मिद् 'to be viscid,' मेद्य *medya*.

Observe—Although this class includes only 130 primitive verbs (generally neuter in signification), yet every one of the 2000 roots in the language may have a passive form which follows the Átmane-pada of this class.

Sixth class (6th conjugation), containing about 140 primitive verbs.

278. Rule for the formation of the base in the four conjugational tenses. Affix the vowel ञ *a* to the root, which is not gunated, and in other respects generally remains unchanged*. Note, that the inserted ञ *a* becomes ञा *á* before an initial *m* and *v* of the terminations of the four tenses (but not before the *m* of the 1st sing. 1st preterite), as in the 1st and 4th conjugations at 261 and 272.

279. Thus, from क्षिप् *kship*, 'to throw,' comes the base क्षिप *kshipa* (Pres. 1. *kshipá + mi = क्षिपामि kshipámi*, 2. *kshipa + si = क्षिपसि kshipasi*; Pot. 1. *kshipa + iyam = क्षिपेयं kshipēyam*, &c.; Átm. Pres. 1. *kshipa + i = क्षिपे kshipē*; see 635); from तुद् *tud*, 'to strike,' तुद *tuda*; from दिश् *diś*, 'to point out,' दिश *díśa*.

280. Roots in इ *i*, उ *u* or ऊ *ú*, च् *ri* and च् *ri*, generally change those vowels into इय *iy*, उव *uv*, रि *ri*, and इर *ir* respectively; as, from रि, 'to go,' comes the base रिय *riya*; from नु 'to praise,' नुव *nuva*; from धू 'to agitate,' धुव *dhuva*; from मृ 'to die,' म्रिय *mriya* (626); from कृ *kri*, 'to scatter,' किर *kira* (627).

281. A considerable class of roots, ending in consonants, in this conjugation, insert a nasal before the final consonant in the four tenses; as, from मुच्, 'to let go,' comes the base मुञ्च *muñcha*; from लिप 'to anoint,' लिम्प *limpa*; from कृत् 'to cut,' कृन्त *krinta*; from सिच् 'to sprinkle,' सिञ्च *siñcha*; from लुप् 'to break,' लुम्प *lumpa*. Similarly, the roots पिश्, विद्, खिद्.

282. The following are anomalous. From इप्, 'to wish,' comes the base इच्छ *ichchha*; from प्रच्छ 'to ask,' पृच्छ *prichchha*; from भञ्ज 'to roast,' भृञ्ज *bhrijja*; from व्यच् 'to deceive,' विच *vicha*; from वृश्च 'to cut,' वृश्च *vriścha*.

* Prof. Bopp observes, that the sixth class is only an offshoot of the first, containing the diseased members of that class. Comp. Gram. 1055.

Tenth class of verbs (10th conjugation), containing a few primitive verbs and all causals.

283. Rule for the formation of the base in the four conjugational tenses. Guna^{te} the vowel of the root throughout every person of all the four tenses (except when debarred by 28. *b*), and affix **अय** *aya* to the root so guna^{ted}. Note, that **अय** *aya* becomes **अया** *ayá* before an initial *m* or *v* of the terminations of the four tenses, but not before the *m* of the 1st sing. 1st preterite.

284. Thus, from **चुर** *chur*, 'to steal,' is formed the base **चोरय** *choraya* (Pres. 1. *chorayá + mi = चोरयामि chorayámi*, 2. *choraya + si = चोरयसि chorayasi*, &c.; Pot. 1. *choraya + iyam = चोरयेयं chorayeyam*; Imp. 1. *choraya + áni = चोरयाणि chorayáni*, &c., see 58; 1st Pret. 1. *achoraya + m = अचोरयं achorayam*, &c., see 638).

285. Roots ending in vowels take Viddhi instead of Guna; as, from **प्री** 'to please,' **प्रायय** *práyaya*; from **धृ** 'to hold,' **धारय** *dháraya*. But **पृ**, 'to fill,' makes **पूरय** *púraya*.

286. Roots which enclose the vowel **अ** between two single consonants generally lengthen this vowel; as, from **ग्रस्** 'to swallow,' **ग्रासय** *grásaya*: but not always; as, from **कथ** 'to say,' **कथय** *kathaya*.

287. **कृत्**, 'to celebrate,' 'to praise,' makes **कीर्तय** *kírtaya* (Pres. **कीर्तयामि**).

288. A few roots with a medial **चृ** *ri* retain that vowel; as, from **स्पृह** 'to desire,' **स्पृहय** *sprihaya*.

289. Observe—Every Sanskrit root may have a causal form, and all causal verbs follow the 10th conjugation; but there are a considerable number of active primitive verbs, not causal in their signification, which belong to this conjugation. In these verbs, therefore, the causal form will be identical with the primitive verb. Hence there will often be a difficulty in determining whether a verb be a primitive verb of the 10th conjugation, or a causal verb; and the consideration of the 10th conjugation must to a great extent be mixed up with that of the causal form of the root (see 479).

a. Observe also, that all verbs, whether primitive or causal, which belong to the 10th conjugation, have this great peculiarity, viz. that the conjugational *ay* is carried throughout all the tenses of the verb, non-conjugational as well as conjugational, excepting only the 3d preterite and the benedictive, Parasmai-pada (compare 254). For this reason the formation of the base of the non-conjugational tenses of verbs of the 10th conjugation will not be explained under the general head of the non-conjugational tenses (at 363), but will fall under causal verbs.

FORMATION OF THE BASE IN THE 2D, 3D, 7TH, 5TH, 8TH, AND
9TH CLASSES OF VERBS.

290. Before entering upon the formation of the base in the last two groups of conjugations, observe that they take the regular terminations of the memorial scheme at 246, without any substitutions, excepting in the 3d plur. present and imperative, *Ātmane-pada*, where the nasal is rejected in all six classes (see scheme at 247).

a. The 3d class, however, owing to the burden occasioned by reduplication, rejects the nasal from the 3d plur. of the *Parasmai-pada*, as well as from the *Ātmane-pada*, in these two tenses, and takes *us* for *an* in the 3d pl. 1st preterite.

b. Two roots, moreover, in the 2d class (*jaksh*, 'to eat,' and *sás*, 'to rule'), and roots of more than one syllable (very few in number), resemble the 3d class in rejecting the nasal from the 3d pl. *Parasmai*, and taking *us* for *an* in the 1st preterite*.

291. Observe also, that roots ending in consonants, of the 2d, 3d, and 7th classes, and the root हृ hu of the 3d, take *dhi* (the Greek $\theta\iota$) for *hi* in the 2d sing. imperative † (see 247); and that roots ending in vowels, of the 5th and 8th classes, resemble the first group of classes at 259, in rejecting this termination altogether.

292. Again, roots ending in consonants will reject the terminations *s* and *t* of the 2d and 3d sing. 1st preterite by 43. *a.*, changing the final of the root, if a soft consonant, to an unaspirated hard, by 42. *a.*; and in other respects changing a final consonant, as indicated at 43. But in the 2d sing. the termination *s* is sometimes *optionally* retained, and the final letter of the root rejected.

a. If a root end in हृ h , this final *h* becomes *k*, in the 2d and 3d sing. 1st pret., by 43. *c.*: but if the root begin with *d* or *g*, the aspirate is thrown back on these letters, which become *dh*, *gh*.

b. If a root end in स s , it may change this *s* to *t* in the 2d sing.

293. Although comparatively few verbs fall under the last two groups of conjugations, yet some of these are among the most useful in the language. Their formation presents more difficulties than that of the 1st, 4th, 6th, and 10th conjugations. In these latter the verbal base, although varying slightly in each conjugation, preserves the same form before all the terminations of every tense; but in the last two groups of conjugations the base is liable to variation before

* A few other roots of the 2d class (as, विद् , द्विष् , पा , या) optionally take *us* for *an* in the 1st preterite. *Sás* probably follows the analogy of reduplicated verbs, on account of its double sibilant.

† *Dhi* was originally the only form. Hence in the Vedas द्युधि ($\kappa\lambda\tilde{\iota}\theta\iota$); and in the Mahábhárata अपाकृधि . *Dhi* then passed into *hi*, as *dhita* passed into *hita*, and *bhúmi* into the Latin *humus*.

the different terminations of each tense, such variation being denoted by the letter P and other indicatory letters of the memorial scheme at 246, which, be it remembered, are significant only in reference to the second and third groups, and not to the first.

a. In the 2d preterite, however, being a non-conjugational tense, the P is equally significant for verbs of all conjugations. Observe—This P, which usually indicates that in those persons of the tense where it occurs, the root must be guṇated or vṛiddhied, is generally to be found after light terminations. The 1st, 2d, and 3d sing. Parasmai of the present, 1st preterite, and 2d preterite are manifestly light terminations. The 3d sing. Parasmai of the imperative is also clearly light; and the 1st sing. du. and pl. Parasmai and Ātmane of this tense must have been originally light, as these also have a P affixed. The object, therefore, of the P is to show, that fulness of form or weight is to be imparted to the root or base before these light terminations, and these only: thus ξ i, 2d conj., ‘to go,’ is in the pres. sing. *emi, eshi, eti*; in du. *ivas, ithas, itas*; in pl. *imas*, &c.: just as in Greek $\epsilon\tilde{\iota}\mu\iota$, $\epsilon\tilde{\iota}\varsigma$, $\epsilon\tilde{\iota}\sigma\iota$; $\iota\tau\omicron\nu$, $\iota\tau\omicron\nu$; $\iota\mu\epsilon\nu$, &c.: compare also $\phi\eta\mu\acute{\iota}$ (for $\phi\tilde{\alpha}\mu\iota$), $\phi\acute{\eta}\varsigma$, $\phi\eta\sigma\acute{\iota}$, $\phi\alpha\tau\acute{\omicron}\nu$, $\phi\alpha\tau\acute{\omicron}\nu$, $\phi\alpha\mu\acute{\epsilon}\nu$, $\phi\alpha\tau\acute{\epsilon}$, $\phi\alpha\sigma\acute{\iota}$. So again, *stri*, ‘to strew,’ is in pres. sing. *striṇomi, striṇoshi, striṇoti*; in du. *striṇuvas, striṇuthas, striṇutas*; in pl. *striṇuvas, &c.*: just as in Greek $\sigma\tau\acute{\omicron}\rho\nu\acute{\mu}\iota$, $\sigma\tau\acute{\omicron}\rho\nu\acute{\varsigma}$, $\sigma\tau\acute{\omicron}\rho\nu\acute{\tau}\iota$, $\sigma\tau\acute{\omicron}\rho\nu\acute{\tau}\omicron\nu$, $\sigma\tau\acute{\omicron}\rho\nu\acute{\tau}\omicron\nu$, $\sigma\tau\acute{\omicron}\rho\nu\acute{\mu}\epsilon\varsigma$, &c. Similarly, *kri*, ‘to buy,’ is in pres. sing. *kriṇāmi, kriṇāsi, kriṇāti*; in du. &c. *kriṇīvas, kriṇīthas, kriṇītas, kriṇīmas*, &c., the *ā* being heavier than *ī*. Compare Greek $\pi\acute{\epsilon}\rho\nu\acute{\alpha}\mu\iota$ ($\pi\acute{\epsilon}\rho\nu\acute{\eta}\mu\iota$), $\pi\acute{\epsilon}\rho\nu\acute{\alpha}\varsigma$, $\pi\acute{\epsilon}\rho\nu\acute{\alpha}\tau\iota$, $\pi\acute{\epsilon}\rho\nu\acute{\alpha}\tau\omicron\nu$, $\pi\acute{\epsilon}\rho\nu\acute{\alpha}\tau\omicron\nu$, &c. When a root is long by nature or position, no additional weight is necessary, and no Guṇa is then possible (see 28. b); but in place of Guṇa, the root or base sometimes remains unmutilated before the light terminations, while mutilation takes place before the heavy. Thus *dā* and *dhā* suppress their final vowels before the heavy terminations, and preserve them before the light; see 335, 336. Similarly, *as*, ‘to be,’ which by 28. b. cannot be guṇated, drops its initial vowel before the heavy terminations, retaining it before the light; see 322, and compare 320. Observe, that since Guṇa takes place before all the terminations of the 2d future indiscriminately, the P affixed to the singular terminations of this tense can have no significance, unless it be to show that the terminations of this tense are taken from the present, with *syā* prefixed.

294. Another source of difficulty is, that in the second group (viz. the 2d, 3d, and 7th) the verbal base will generally end in a consonant, there being no provision for the interposition of a vowel between the root and the terminations. Hence the combination of the final consonant of a base with the initial *t*, *th*, or *s*, of a termination in the conjugational tenses of these three classes requires a knowledge of the laws of Sandhi already propounded, as well as of the following additional rules.

a. Observe, however, that as regards the initial *m* or *v* of a termination, a hard consonant at the end of a root is not made soft before these letters, as might be expected by 41, but remains unchanged: thus, *vach* + *mi* = *vachmi*, and *chekshep* + *mi* = *chekshepmi*.

295. The following rules will also apply in forming the base of the non-conjugational tenses of *all* the conjugations excepting the 10th, and in some of the participles; for although in most roots ending in consonants provision is made for the insertion of the vowel इ *i* (see terminations of 1st future &c. at p. 107) before the terminations of these tenses, yet there are a large class of common roots which reject this inserted vowel, leaving the final of the base to coalesce with the initial consonant of the termination. It will be convenient, therefore, in the following pages to introduce by anticipation a few examples from the non-conjugational tenses and participles.

Combination of final च् ch and ज् j with त t, थ th, and स s.

296. Final च् *ch* and ज् *j*, before त *t*, थ *th*, and स *s*, are changed to क् *k* (compare 43. *d*), the *k* blending with *s* into क्श् *ksh* by 70: thus, *vach* + *ti* = *vakti*; *vach* + *thas* = *vakthas*; *vach* + *si* = *vakshi*; *moch* + *syámi* = *mokshyámi*; *much* + *ta* = *mukta*; *tyaj* + *ta* = *tyakta*; *tyaj* + *syámi* = *tyakshyámi*.

297. But a final palatal is sometimes changed to ष् *sh* before त *t*, थ *th*; and त *t*, थ *th*, then become ट्, ठ्: thus, *मार्ज्* + *ti* = *मार्ष्टि*; *मृज्* + *thas* = *मृष्टम्*; *मृज्* + *ta* = *मृष्ट*; *प्रज्* + *ta* = *प्रष्टा*.

Combination of final ध् dh and भ् bh with त t, थ th, and स s.

298. Final ध् *dh* and भ् *bh*, before त *t* and थ *th*, are changed, the one to द् *d*, the other to ब् *b*, and both *t* and *th* then become ध् *dh*: thus, *rundh* with *tas* or *thas* becomes equally रुद्धस् *runddhas*; *labh* + *táhe* = लब्धाहे *labdháhe*. But if the root begin with *d* it follows 42. *c*. See 664.

a. Observe—When final ध् *dh* is preceded by a conjunct न् *n*, as in *rundh*, then the final *dh*, which has become *d* (before *t* and *th* changed to *dh*), may optionally be rejected; so that *rundh* + *tas* = रुद्धस् or रुन्धस्; *rundh* + *tam* = रुद्धं or रुन्धं.

299. Final ध् *dh* and भ् *bh*, before स *s*, are changed by 42, the one to त् *t*, the other to प् *p*: thus, *रुणध्* *ruṇadh* + *si* becomes रुणत्ति *ruṇatsi*; *sedh* + *syámi* = *setsyámi*; *labh* + *syé* = *lapsye*.

a. And if the initial of the root be *b* or *d*, the aspirate, which has been rejected in the final, is thrown back on the initial; as, *bodh* +

syē = भोत्स्ये *bhotsyē*; *dadh* + *swa* = धत्स्व *dhatswa*. See 42. c, 664; and compare $\theta\rho\acute{\epsilon}\psi\omega$ from $\tau\rho\acute{\epsilon}\phi\omega$. Observe—The aspirate is also thrown back on the initial, when final *dh* is changed to *d*, before the terminations *dhuve* and *dhwam*. See 664.

Combination of final श् s, ष sh, स् s, with त t, थ th, स s, ध dh.

300. Final श् *s*, before *t* and *th*, is changed to ष *sh*; and the *t*, *th*, take the cerebral form ढ, ढः thus, ईश् + *te* = ईष्टे; and रेश् + *thás* = रेष्टाम्.

301. Similarly, final ष *sh*, before *t* and *th*, requires the change of *t*, *th*, to ढ, ढः thus, द्वेष् + *ti* = द्वेष्टि; and द्विष् + *thas* = द्विष्टम्.

302. Final श् *s* or ष *sh*, before *s*, is changed to क् *k* by 43. e, the *s* then becoming ष *sh* by 70: thus, वश् + *si* = वक्षि; द्वेष् + *si* = द्वेक्षि; दृश् + *syáni* = दृष्यामि.

303. Final श् *s* or ष *sh*, before *dh*, is changed to ड् *d*, the *dh* becoming ढ *dh* by 51: thus, द्विष् + *dhi* = द्विड्ढि. Similarly, द्विष् + *dhwam* = द्विड्ढम्. A final ज् *j* may also follow this rule; see 632, 651.

304. Final स् *s*, before *dh*, is either dropped or changed to ढ् *d*: thus, *chakás* + *dhi* = either चकाधि *chakádhi* or चकाद्धि *chakáddhi*; शास् + *dhi* = शाधि; हिंस् + *dhi* = हिंढि.

a. Before *s* *s* it is changed to त् *t*; as, *vas* + *syáni* = *vatsyáni*. So in the 2d sing. 1st pret. of *sás*, *ásás* + *s* = *ásáts* = *ását* by 43. *a.*

Combination of final ह् h with त t, थ th, स s, ध dh.

305. In roots beginning with *d*, like दुह् *duh*, ‘to milk,’ final ह् *h* is changed to ग् *g* before *t* and *th*, and both *t* and *th* then become ध *dh*: thus, दुह् *duh* + *tas* or *thas* becomes equally दुग्धस् *dugdhas*; दह् *dah* + *tásmi* = *dagdhásmi*. In the root नह् the final *h* becomes *dh*, and blends with *t* and *th* into ढ् *ddh*. See 624.

a. But if the root begin with any other letter than *d* or *n*, then its final ह् *h* is dropped, and both the *t* and *th* of the termination become ढ *dh*. Moreover, to compensate for the rejection of the final *h*, the radical vowel, if not gunated, is lengthened, and in the roots *sah* and *vah* changed to *o*; as, मुह् + *ta* = मूढ; रुह् + *ta* = रूढ; लेह् *leh* + *ti* = लेढि *leđhi*; रोह् + *tásmi* = रोढाम्नि; *sah* + *tá* = सोढा; *vah* + *tá* = वोढा.

306. Final ह् *h*, before स् *s*, follows the analogy of final श् *s* and ष *sh*, and is changed to क् *k*, which blends with *s* *s* into क्ष *ksh*:

thus, लेह् *leh* with *si* becomes लेसि; रोह् + *syámi* = रोस्यामि. Similarly, in Latin, final *h* becomes *k* before *s*; as, *veksit* (*vexit*) from *veho*.

a. And if the initial of the root be द् *d* or ग् *g*, the final ह् *h* is still changed to क् *k* before *s*; but the initial द् *d* then becomes ध् *dh*, and ग् *g* becomes घ् *gh*: thus, दोह् *doh* + *si* = धोसि; दह् *dah* + *syámi* = धस्यामि; अगुह् *aguh* + *sam* = असुक्ष्ं. Compare 42. c.

b. In the root नह् *nah* final *h* becomes ध् *dh*, and then त् *t*, before *s*. Compare 182. e, and see 624.

c. In roots beginning with द् *d*, like दुह् *duh* and दिह्, final ह् *h* becomes ग् *g* before *dh*; i. e. before the *dhi* of the 2d sing. imperative, and before the terminations *dhwe* and *dhwam*: thus, दुह् *duh* + *dhi* = दुग्धि *dugdhi*. And in a root beginning with *n*, like *nah*, final *h* becomes *dh*, and then *d*, before these terminations. But if the root begin with any other letter than *d* or *n*, then final *h* is dropped, and the ध् *dh* of the termination becomes ढ् *dh*, the radical vowel being lengthened: thus, लिह् *lih* + *dhi* = लीढि; *lih* + *dhwam* = लीढं.

d. Again, in roots beginning with द् *d* or ग् *g* these letters become respectively ध् *dh* and घ् *gh*, when final ह् *h* becomes *g* or is dropped before *dhwe* and *dhwam*; but not before the *dhi* of the imperative: thus, *duh* + *dhwe* = धुञ्चे *dhugdhwe*; and *aguh* + *dhwam* = अघृढं *aghá-dhwam*.

FORMATION OF THE BASE IN THE 2D, 3D, AND 7TH CLASSES OF VERBS.

Second class (2d conjugation), containing 70 primitive verbs.

307. Rule for the formation of the base in the four conjugational tenses. Guṇate the vowel of the root (except when debarred by 28. b) before those terminations only which are marked with P in the memorial scheme at 246. Before all the other terminations the original vowel of the root must be retained by 293. a. Remember, that no vowel is interposed between the root and the terminations, as in Greek verbs like *εἶμι*, *φημί*, &c. See 258. a, 294.

308. Thus, from विद् *vid*, 'to know' (Greek *εἶδω*, *ἴδον*, Lat. *video*), is formed the base of the singular present *ved* (I. *ved* + *nī* = वेदि *vedmī*, &c.), and the base of the dual and plural *vid* (Du. I. *vid* + *vas* = विद्वस् *vidvas*, &c.; Pl. I. *vid* + *mas* = विद्वस् *vidmas*, &c.). So also the base of the potential *vid* (I. *vid* + *yám* = विद्यां *vidyám*, &c.); the base of the imperative *ved* and *vid* (I. *ved* + *áni* = वेदानी, 2. *vid* +

dhi = *viddhi* 291, *ved* + *tu* = *vettu*; Du. 1. *ved* + *áva* = *vedáva*, &c.*); and the base of the 1st pret. *aved* and *avid* (1. *aved* + *am* = *avedam*, 2. *aved* + *s* = *avet* or *aves* by 43. *a*. and 292). See the table at 583.

a. A contracted form of the 2d preterite of *vid* (365) is sometimes used for the present: thus, Sing. *veda*, *vettha*, *veda*; Du. *vidwa*, *vidathus*, *vidatus*; Pl. *vidma*, *vida*, *vidus*; see 168. *a*. Compare the Greek *οἶδα* or *Ἔοδα* from the root *Fid* (*εἶδω*), also used with a present signification; and the Latin *vidi*, *vidisti*, &c. Cf. also the present *vidmas* with *ἴδμεν* (*ἴσμεν*), *vittha* with *ἴστε*, and *viddhi* with *ἴσθι*.

309. Similarly, from *द्विष*, 'to hate,' come the bases *dwesh* and *dwish* (Pres. 1. *द्वेषि*; Du. 1. *द्विष्वस्*, &c.; see 657).

310. So also, from *इ i*, 'to go,' will come the bases *e* and *i* (Pres. 1. *एमि* *emi*, cf. *εἶμι*, 2. *एपि* by 70, 3. *एति*; Pl. 1. *इमस्*, cf. *ἴμεν*, see 645); from *जागृ* 'to awake,' the bases *जागर्* *jágar* and *जागृ* *jáygrī* (Pres. 1. *जागर्मि*, &c.; Du. 1. *जागृवस्*; Pl. 3. *जाग्रति* by 290. *b*).

311. The preposition *अधि adhi*, 'over,' prefixed to the root *इ i*, 'to go,' gives the sense of 'to read' (*Átmane-pada* only): *इ* then becomes *iy* (compare 123), and blends with *adhi* into *अधीय् अधीय्* before the vowel-terminations of the pres. pot. and 1st pret. Before the consonantal-terminations it becomes *अधी अधी*. (Hence the Pres. 1. *अधीये*, 2. *अधीपे*, 3. *अधीते*; Du. 1. *अधीवहे*, &c.; Pot. 1. *अधीयीय*, &c.; Imp. 1. *adhi* + *e* + *ai* = *अध्यै* by 36. *a*, 2. *अधीष्व*, &c.; 1st Pret. 1. *adhi* + *a* + *iy* + *i* = *अध्यैपि* by 260. *a*, 2. *अध्यैवास*, 3. *अध्यैत*; Du. 1. *अध्यैवहि*, 2. *अध्यैयाथां*, &c.)

a. The preposition *आ á* is prefixed to the root *इ i*, according to the usual rules of Sandhi, and gives the sense of 'to come:' thus, Pres. *एमि*, *एपि*, *एति*; *एवस्*, &c.; Pot. *एयां*, *एयास्*, &c.; Imp. *आयानि*, *रहि*, *एतु*, &c.; 1st Pret. *आयं*, *ऐस्*, &c. Again, the prep. *अप apa* prefixed gives the sense of 'to go away:' thus, Pres. *अपेमि*, &c.

312. Other roots in *ई í* and *उ u* or *ऊ ú* change these vowels to *iy* and *uv* (compare 123 and 125. *a*) before the vowel-terminations; as, from *वी ví*, 'to go,' come the bases *ve*, *ví*, and *vīy* (Pres. 1. *वेमि*, &c.; Du. 1. *वीव*; Pl. 3. *वियन्ति*). Similarly, *सू*, 'to bring forth' (*Átmane* only), makes in Pres. S. Du. Pl. 3. *सूते*, *सुवाते*, *सुवते*; and in Imp. S. Du. Pl. 1. *सुवै*, *सुवावहै*, *सुवामहै*, *Guṇa* being suppressed †.

313. *स्तु stu* and *तु nu*, 'to praise;' *यु yu*, 'to join,' 'to mix;' and *रु ru*, 'to sound'—follow 312, and take *Vṛiddhi* instead of *Guṇa* before the consonantal P terminations ‡. Hence the bases *स्तौ stau*, *स्तु stu*, and *स्तुव् stuv*; see 648. Before the

* The imperative of *vid* is optionally formed with the syllable *ám* and the auxiliary verb *kṛi* (compare 384): thus, s. 3. *विदां करोतु* or *विदाङ्करोतु*. Páṇini III. 1. 41.

† See Páṇini VII. 3. 88.

‡ That is, the terminations marked with P, which begin with consonants.

vowel P terminations both Vṛiddhi and Guṇa are generally (but not always) suppressed, and *uv* substituted, as in मू at 312. Note, that these roots may optionally insert an ई *i* before the consonantal P terminations; and before this vowel Guṇa, not Vṛiddhi, is required. According to some authorities, however, *i* is inserted before *all* the consonantal-terminations; and, according to others, before all the consonants, excepting *y*, *r*, or *m*, not followed by an indicatory P.

314. वृ, 'to speak,' can never take Vṛiddhi, like the roots at 313; but inserts an ई *i* after Guṇa in the places where those roots optionally insert it, viz. before the consonantal P terminations. Hence the bases *bravī*, *brá*, *bruv*. See 649.

a. Before the vowel P terminations Guṇa is not suppressed, excepting in the 1st pret. 1st sing.

315. शी, 'to lie down,' 'to sleep' (Ātmane only), guṇates the radical vowel before *all* the terminations, and inserts *r* in the 3d pl. pres., 1st pret., and imperative, after the analogy of the 3d pl. potential. See 646.

316. ऊर्णु, 'to cover,' takes either Vṛiddhi or Guṇa of the final *u* before the consonantal P terminations, excepting before the 2d and 3d sing. of the 1st pret., where Guṇa only is admissible. Before the vowel-terminations it follows 312, but Guṇa is retained before the vowel P terminations, excepting in the 1st pret. 1st sing. Hence the bases *urnau*, *urno*, *urnu*, and *urnuv* (Pres. 1. ऊर्णोमि or ऊर्णोमि; Du. 1. ऊर्णुवम्; Pl. 3. ऊर्णुवति, see 290. b; Pot. 1. ऊर्णुयां; Imp. s. 1. ऊर्णवानि, 3. ऊर्णोतु or ऊर्णोतु; 1st Pret. 1. ऊर्णुवं by 260. a, 2. ऊर्णोस्, &c.).

317. Roots like वा 'to go,' पा 'to protect,' अद् 'to eat' (*edo*), आस् 'to sit,' Ātm., having *a* or *á* for their vowels, cannot be guṇated, but are themselves bases (Pres. 1. *yá + mi = yámi*, see 644, *ad + mi = admi*, 2. *ad + si = atsi*, 3. *ad + ti = atti*; Du. 3. *ad + tas = attas*, &c., see 652. Similarly, *ás + e = áse*, *ás + se = ásse*, *ás + te = áste*, &c.). With *atti* compare Lat. *edit*.

a. Before the terminations of the 2d and 3d sing. 1st preterite of अद्, 'to eat,' the vowel अ *a* is inserted by special rule; and some others of these roots require peculiar changes, as follows:—

318. हन् *han*, 'to kill,' makes its base ह *ha* before *t* or *th* (by 57. a); म् *ghn* before *anti*, *an*, *antu*; and ज *ja* before हि. The last change is to avoid the proximity of two aspirates. See 654, and compare 331. b.

319. वच् *vach*, 'to speak,' changes its final palatal to a guttural before all the hard consonantal-terminations, in conformity with 176; but not before the soft, by 294. a. It is defective in the 3d pl. present and imperative, where its place must be supplied by वृ at 314, 649. Hence the bases *vach* and *vak*. See 650.

320. वश् *vaś*, 'to desire,' 'to choose,' suppresses the *a*, and changes *v* to *u* before the terminations which have no P (see 293. a); and उश् *uś* becomes उप् *ush* before *t* and *th* by 300. See 656.

321. चक्ष् *chaksh*, 'to speak' (Ātmane-pada only), drops the penultimate *k* before all consonantal-terminations, excepting those beginning with *m* or *v* (Pres. 1. चक्षे, 2. चप् + मे = चक्षे by 292, 3. चक्षे, &c.).

322. अस् *as*, 'to be' (Parasmai-pada only), a very useful auxiliary verb, follows

293. *a*, and rejects its initial *a*, excepting before the P terminations. The 2d pers. sing. of the pres. is अस्मि for अस्मि. The 1st pret. has the character of a 3d pret., and retains the initial *a* throughout, and inserts ई *i* before the *s* and *t* of the 2d and 3d sing.; see 584. This root is never found in the Átmane-pada, excepting with the prepositions *ri* and *ati*, when the Present is Sing. व्यतिहे, -पे, -ष्टे; Du. -पुहे, -पाथे, -पाते, -प्पहे, -ष्टे, -पते; Pot. S. 1. व्यतिपीय, &c.

323. शास् *sás*, 'to rule,' changes its vowel to इ *i* before *t*, *th*, and *y*; and, after *i*, स् becomes ष् by 70. Hence the bases शास् and शिप्. See 658.

324. मृच् *mrij*, 'to cleanse,' is vriddhid before the P terminations, and optionally before the vowel-terminations having no P. Hence the bases मर्ज and मृजि. See 651.

325. The roots ईश् *ís*, 'to rule' (Átm.), and ईड् *íd*, 'to praise' (Átm.), not gunated by 28. *b*, insert the vowel इ *i* between the root and the terminations of the 2d person से, स्व, ध्वे, and ध्वं (ईड्—Pres. 1. ईडे, 2. ईडिपे, 3. ईष्टे; Du. 1. ईड्वहे, &c.; Pot. 1. ईडीय, &c.; Imp. 1. ईडै, 2. ईडिध्व, 3. ईष्टां; 1st Pret. 3. ऐष्ट, &c. ईश्—Pres. 1. ईशे, 2. ईशिपे, 3. ईष्टे by 300; Imp. 3. ईष्टां, &c.; 1st Pret. 3. ऐष्ट, &c.).

326. रुद् *rud*, 'to weep,' besides the usual Guṇa change before the P terminations, inserts the vowel इ *i* before all the consonantal-terminations except *y*, and optionally *a* or *i* in the 2d and 3d sing. 1st pret. Hence the three bases rodi, rudi, rud; see 653. Similarly, but without Guṇa, the roots स्वप् 'to sleep,' श्वस् and अन् 'to breathe,' and जश् 'to eat.' The last obeys 290. *b*.

327. दुह् *duh*, 'to milk,' and लिह् *lih*, 'to lick,' form their bases as explained at 305, 306. They are conjugated at 660, 661.

328. दरिद्रा *daridrā*, 'to be poor' (Parasmai-pada), follows 293. *a*, making its base *daridri* before the consonantal-terminations not marked with P, and *daridr* before *ati*, *us*, *atu* (Pres. S. Du. Pl. 3. दरिद्राति, दरिद्रितस्, दरिद्रति; see 290. *b*).

329. दीधी *dīdhī*, 'to shine' (Átm.), changes its final to *y*, and not to *iy*, before the vowel-terminations (compare 312); but in the potential the final *i* coalesces with the *i* of the terminations (Pres. Pl. 3. दीध्यते; Pot. 1. दीधीय, &c.).

Third class (3d conjugation), containing about 20 primitive verbs.

330. Rule for the formation of the base in the four conjugational tenses. Reduplicate the initial consonant and vowel of the root, and gunate the vowel of the radical syllable before the P terminations only, as in the 2d conjugation, by 293. *a*. Note, that this conjugation resembles the 2d in interposing no vowel between the root and the terminations. It is the only conjugation that rejects the nasal in the 3d plur. Parasmai-pada, by 290. *a*, and takes *us* for *an* in the 3d plur. 1st pret., before which *us* Guṇa is generally required.

331. In reduplication the following rules are observed. 1st, As to consonants.

a. A corresponding unaspirated letter is substituted for an aspirate: thus, *d* for *dh*. So in Greek τ is repeated for θ; as, θύω, τέθυκα, &c.

b. The palatal च *ch* is substituted for the gutturals क *k* or ख *kh*; and the palatal ज *j* for the gutturals ग *g*, घ *gh*, or ह *h*.

c. If a root begin with a double consonant, the first consonant only is reduplicated; but if with a double consonant, whose first is a sibilant and whose second is hard, the second is reduplicated: thus, च *ch* for क्ष *ksh*; त *t* for स्थ *sth*; ज *j* for ह्र *hr*; क *k* for स्क *sk*.

d. 2dly, As to vowels. अ *a* is the reduplicated vowel for आ *á*; इ *i* for ई *í* or चृ *ri*; उ *u* for ऊ *ú*. In certain cases इ *i* is also repeated for *a* and *á*, as being a lighter vowel.

e. Observe—As a general rule, the reduplicated syllable has a tendency to lighten the weight of the radical syllable.

332. Thus, from भृ *bhri*, ‘to bear’ (φέρω, *fero*), is formed the base of the present singular विभर् *bibhar* (I. *bibhar* + *mi* = विभर्मि), and the base of the dual and plural विभृ *bibhri* (Du. I. *bibhri* + *vas* = विभृवम्; Pl. I. *bibhri* + *mas* = विभृमस्; Pl. 3. *bibhri* + *ati* = विभृति by 34 and 290). See the table at 583.

a. Note, that *bibharti* bears the same relation to *bibhrimas* that *fert* does to *ferimus*, and *vult* to *volumus*.

333. Similarly, from भी *bhi*, ‘to fear,’ come the two bases *bibhe* and *bibhí*; from हु *hu*, ‘to sacrifice,’ the two bases *juho* and *juhu*. The former of these roots may optionally shorten the radical vowel before a consonant, when not gūnated. See 667. The latter may optionally reject its final before *vas* and *mas*, and is the only root ending in a vowel which takes *dhi* for *hi* in the 2d sing. imperative. See 662.

a. ही, ‘to be ashamed,’ is like भी, but changes its final ई to इय *iy* before the vowel-terminations, in conformity with 123. a. See 668.

334. चृ *ri*, ‘to go,’ is the only verb in this conjugation that begins with a vowel. It substitutes *iy* for *ri* in the reduplication, and makes its bases इयर् *iyar* and इयृ *iyri* (Pres. S. Du. Pl. 3. इयति, इयृतस्, इयति; 1st Pret. S. 1. ऐयर्, 2. ऐयर्, 3. ऐयर्, &c.).

335. दा *dá*, ‘to give’ (δίδομι, *do*), drops its final *á* before all excepting the P terminations. Hence the bases *dadá* and *dad*. It becomes दे *de* before the *hi* of the imperative. See 663.

336. Similarly, the root धा *dhá*, ‘to place’ (τίθημι). Hence the bases *dadhá* and *dadh*; but *dadh* becomes धत् before *t*, *th*, and *s*, by 42. c; and *dhe* before the *hi* of the imperative. See 664.

337. हा *há*, ‘to abandon,’ changes its final *á* to ई *í* before the consonantal-terminations not marked with P, and drops the final altogether before the vowel-terminations, and before *y* of the potential. Hence the bases *jahá*, *jahí*, *jah*. Before *hi* of the imperative the base is optionally *jahi*, *jahí*, or *jahó*; and, according

to some authorities, जही may be shortened into जहि in the present, imperative, and 1st preterite. See 666.

338. मा *má*, 'to measure' (*Átm.*), and हा *há*, 'to go' (*Átm.*), make their bases मिमी *mimí* and जिही *jihí* before the consonantal-terminations not marked with P. Before the vowel-terminations their bases are *mim* and *jih*. According to some authorities, *mimí* and *jihí* may be optionally shortened into *mimi* and *jihí*. See 665.

339. जन् *jan*, 'to produce' (*Parasmai-pada*), rejects the final nasal (see 57. *u*), and lengthens the radical *a* before *t* and *th* and *hi*, and, according to some, optionally before *y*. Before the vowel-terminations not marked with P it rejects the radical *a* (compare the declension of *rájau* at 149). Hence the three bases *jujan*, *jajú*, and *jajū*. The 2d sing. pres. is either जजंसि or जजनिपि. See 667. *b*.

340. भस् *bhas*, 'to shine,' like *jan*, rejects the radical *a* before the vowel-terminations not marked with P; and *bh* coalescing with *s* becomes *p* by 42 (*Pres. S. Du. Pl. 3. वभस्ति, वभस्तस्, वप्सति*).

341. The roots निञ् 'to purify,' विञ् 'to separate,' and विष् 'to divide,' gnapate the reduplicated syllable before *all* the terminations, and forbid the usual Guṇa of the radical syllable in the 1st pers. sing. du. pl. imperative (*Pres. 1. नेनेञ्चि, 2. नेनेच्छि, 3. नेनेक्चि; Du. 1. नेनिच्चस्, &c.; Pl. 1. नेनिच्चस्, 3. नेनिजति; Imp. 1. नेनिजानि; Du. 1. नेनिजाव; Pl. 1. नेनिजाम; 1st Pret. 1. अनेनेचं, 2. अनेनेक्, &c.; Pl. 3. अनेनिजुत्, &c.*).

Seventh class (7th conjugation), containing about 24 primitive verbs.

342. Rule for the formation of the base in the four conjugational tenses. Insert न *na* (changeable to ण *ṇa* after *ṛi* &c. by 58) between the vowel and final consonant* of the root before the P terminations, and न् *n* (changeable to ङ, ञ, or Anuswára, according to the consonant immediately succeeding) before all the other terminations by 293. *a*. Note, that this conjugation resembles the 2d and 3d in interposing no vowel between the final consonant of the root and the terminations.

a. Similarly, *u* is inserted in certain Greek and Latin roots; as, *μαθ, μαθηάνω; λαβ, λαμβάνω; θιγ, θιγγάνω; scid, scindo; fid, fudo; tag, tango; liq, liquo, &c.* See 258. *u*.

343. Thus, from भिद् *bhid*, 'to divide,' 'to break,' is formed the base of the present tense singular भिनद् *bhinad*, and the base of the dual and plural भिन्द् *bhind*, changeable to *bhinat* and *bhint* by 46 (*1. bhinad + mi = भिनसि, 3. bhinad + ti = भिनसि; Du. 1. bhind + vas = भिन्दस्, 3. bhind + tas = भिन्तस् or भिन्तस्; Pl. 3. bhind + anti = भिन्दन्ति*). See the table at 583.

* All the roots in this conjugation end in consonants.

344. Similarly, from रुध् *rudh*, 'to hinder,' the two bases रुणध् *ruṇadh* and रुन्ध् *rundh*, changeable to *ruṇat*, *ruṇad*, and *rund* (1. *ruṇadh + mi = रुणध्मि*, 2. *ruṇadh + si = रुणन्मि*, 3. *ruṇadh + ti = रुणद्धि*; Du. 3. *rundh + tas = रुन्धस्*). See 671.

345. Observe—Roots ending in *t* and *d* may reject these letters before *th*, *t*, and *dhi*, when *n* immediately precedes: hence भिन्तस् may be written for भिन्त्तस्; भिन्धि for भिन्द्धि. Similarly, रुन्धस् may be written for रुन्धत्तस्, see 298. *a*; and on the same principle नृणद्धस् is written for नृणद्धत्तस् from नृह्, see 674.

346. The roots भुञ् 'to eat,' युञ् 'to join,' विच् 'to distinguish,' conform to 296. Hence, from *bhuj* come *bhunaj* and *bhuñj*, changeable to *bhunak* and *bhun-k*.

347. The roots भञ् 'to break,' अञ् 'to anoint,' उन्द् 'to moisten,' and इन्च् 'to kindle,' are placed under this class; but the nasal belonging to the root takes the place of the conjugational nasal. Hence, from *bhañj* come the two bases *bhanaj* and *bhañj*, changeable to *bhanak* and *bhan-k*.

348. The root नृह्, 'to strike,' 'to kill,' inserts षे instead of ष before all the P terminations, excepting the 1st sing. du. pl. imperative and 1st pret. See 674.

FORMATION OF THE BASE IN THE 5TH, 8TH, AND 9TH CLASSES OF VERBS.

Fifth class (5th conjugation), containing about 30 primitive verbs.

349. Rule for the formation of the base in the four conjugational tenses. Add नु *nu* to the root, which must be guṇated into नो *no* before the P terminations by 293. *a*. Note, that roots ending in consonants add *nuv*, instead of *m*, to the root before the vowel-terminations. Roots ending in vowels may drop the *u* of *nu* before initial *v* and *m* (not marked with P), and always reject the termination *hi* of the imperative. See 291 and 259 with note.

a. This change of *nu* to *no* is supplied in the corresponding Greek affix *vv*, by lengthening the *v*, as in ζεύγνυμι, ζεύγνυμεν; δείκνυμι, δείκνυμεν. See 258. *a*.

350. Thus, from चि *chi*, 'to gather,' are formed the bases *chino* and *chinu* (Pres. 1. *chino + mi = चिनोमि*, *chino + si = चिनोषि* by 70; Du. 1. *chinu + ras = चिनुवस्* or *चिन्वस्*; Pl. 1. *chinu + mas = चिनुमस्* or *चिन्मस्*, 3. *chinu + anti = चिन्वन्ति* by 34; Imp. 1. *chino + áni = चिनवानि* by 36. *b*, 2. *chinu* by 291). See the table at 583.

351. Similarly, from आप् *áp*, 'to obtain,' come *ápno* and *ápnu*. See 681.

352. श्रु *śru*, 'to hear' (sometimes placed under the 1st class), substitutes शृ *śri* for the root, and makes its bases *śriṇo* and *śriṇu*. See 677.

Eighth class (8th conjugation), containing 10 primitive verbs.

353. Rule for the formation of the base in the four conjugational

tenses. Add उ *u* to the root, which must be guṇated into ओ *o* before the P terminations by 293. *a*.

a. Observe—There are only ten roots in this conjugation, and nine of these end either in न् *n* or ण् *ṇ*: hence the addition of *u* and *o* will have the same apparent effect as the addition of *nu* and *no* in the 5th conjugation.

354. Thus, from तन् *tan*, ‘to stretch,’ ‘to extend,’ are formed the bases *tano* and *tanu* (Pres. 1. *tano + mi = तनोमि*, 2. *tano + si = तनोसि* by 70; Du. 1. *tanu + vas = तनुवस्* or *तन्वस्*; Pl. 1. *tanu + mas = तनुमस्* or *तन्मस्*; Imp. 1. *tano + āni = तनवानि* by 36. *b*). Compare the Greek *τάννμι*, *τάννμες*.

a. The root सन् *san*, ‘to give,’ optionally rejects its *n*, and lengthens the radical *a* before the *y* of the potential: thus, सयां *sanyām* or सायां *sáyām*, &c.

355. The tenth root in this class is कृ *kṛi*, ‘to do,’ by far the most common and useful root in the language. This root guṇates the radical vowel *ṛi*, as well as the conjugational *u*, before the P terminations. Before the other terminations it changes the radical *ṛi* to *ur*. Before initial *m* (not marked with P), *v*, and *y*, it rejects the conjugational *u*. Hence the three bases *karo*, *kuru*, and *kur*. See 682.

Ninth class (9th conjugation), containing about 52 primitive verbs.

356. Rule for the formation of the base in the four conjugational tenses. Add ना *ná* to the root before the P terminations; नी *ní* before all the others, excepting those beginning with vowels, where only न् *n* is added, by 293. *a*. Observe—ना, नी, and न्, are changeable to णा, णी, and ण्, by 58.

357. Thus, from यु *yu*, ‘to join,’ are formed the three bases *yuná*, *yuní*, and *yun* (Pres. 1. *yuná + mi = युनामि*; Du. 1. *yuní + vas = युनीवस्*; Pl. 1. *yuní + mas = युनीमस्*, 3. *yun + anti = युनन्ति*. Pres. Átm. 1. *yun + e = युने*; Imp. 1. *yuná + āni = युनानि*, 2. *yuní + hi = युनीहि*, &c.).

a. Observe—Roots ending in consonants substitute *ána* for *níhi* in the 2d sing. imperative: so, अज्ञान ‘eat thou,’ from अश् ‘to eat;’ पुपाण ‘nourish thou,’ from पुष्, &c. See 696, 698.

358. The roots री, ली, भी, व्री, व्ली, धू, पू, लू, चू, कृ, गृ, जृ, दृ, नृ, पृ, भृ, वृ, शृ, सृ, shorten the radical vowel in forming their bases: thus, from पू, ‘to purify,’ come the bases *pundá*, *puní*, and *pun*. See the table at 583.

359. ग्रह्, ‘to take,’ becomes गृह्, ‘and makes its bases गृह्ता, गृह्ती, and गृह्त्. See 699.

360. ज्ञा, 'to know,' becomes ज्ञा, and makes its bases *janá, janí,* and *ján*. See 688.

361. ज्या, 'to grow old,' becomes जि, and makes its bases *jiná, jiní,* and *jin*.

362. The roots वन्थ्, ग्रन्थ्, मन्थ्, अन्थ्, and कुन्थ्, reject the radical nasal in favour of the conjugal: thus, from *bandh* are formed the three bases *badhná, badhní,* and *bandh*. See 692.

PRIMITIVE VERBS OF THE FIRST NINE CLASSES IN THE SIX NON-CONJUGATIONAL TENSES.

363. Observe—The general rules for the formation of the base in the 2d preterite, 1st and 2d futures, 3d preterite, benedictive, and conditional, apply to all verbs of the first nine classes indiscriminately; see 250. *a*. The 10th class alone carries its conjugal characteristic into most of the non-conjugal tenses; and for this reason the consideration of its five last tenses falls most conveniently under causal verbs. Compare 289. *a*.

Second preterite (Greek perfect).

364. Rule for the formation of the base in verbs of the first nine classes. In the first place, if a root begin with a consonant, reduplicate the initial consonant, according to the rules given at 331, with its vowel (*a* being reduplicated for *a, á, ři, ří; i* for *i, í, e; u* for *u, ú, o*): thus, from बुध् *budh*, 1st c.*, 'to know,' comes the base बुबुध् *bubudh*; from नृत् *nrít*, 4th c., 'to dance,' ननृत् *nanřit*; from याच् *yách*, 1st c., 'to ask,' ययाच् *yayách*; from कृ *kři*, 8th c., 'to do,' चकृ *chakři*; from तृ *trí*, 1st c., 'to cross,' ततृ *tatrí*; from सिध् *sidh*, सिमिध् *sishidh* by 70; from सेव् *sev*, सिशेव् *sishev*; from पू, पुपु.

a. And if it begin with a vowel, double the initial vowel: thus, from अस् *as*, 'to be,' आस् *ás*.

b. In the second place, if the root end in a consonant, guṇate † the vowel of the radical syllable, except when debarred by 28. *b*, in the 1st, 2d, and 3d *singular*, Parasmai-pada (as *bubodh* for *bubudh*); but leave the vowel unchanged before all the other terminations, Parasmai and Átmane-pada. See 293. *a*.

c. And if the root end in a vowel, vřiddhi the vowel of the radical syllable in the 1st and 3d *singular*, Parasmai ‡ (as *chakár* for *chakři*),

* 1st c. means 1st class or conjugation.

† The guṇation of the vowel is indicated by the P of णप्, यप्, षप्, in the singular terminations. See scheme at 246.

‡ Grammarians assert, that there is optionally Guṇa in the 1st singular. Vřiddhi is indicated by the ण of णप् naP. See scheme at 246.

and guṇate it in the 2d singular (as *chakar* for *chakṛi*, see 293. a); but before all the other terminations, Parasmai and Ātmane-pada, it must revert to its original form, and then suffer the usual change required by the rules of Sandhi.

365. Thus, from *बुध् budh*, 1st c., comes the base of the singular Parasm. *बुबोध् bubodh*, and the base of the rest of the tense *बुबुध् bubudh* (1. *bubodh* + *a* = *बुबोध् bubodha*, 2. *bubodh* + *itha* = *बुबोधिय bubodhitha*, 3. *bubodh* + *a* = *bubodha*; Du. 1. *bubudh* + *iva* = *बुबुधिव्*, 2. *bubudh* + *athus* = *bubudhathus*, &c. Ātm. 1. *bubudh* + *e* = *बुबुधे*, &c.). Similarly, from *विद् vid*, 2d c., 'to know,' come the two bases *vived* and *vivid* (1. 3. *viveda*; Du. 1. *vividiva*; Pl. 1. *vividima*, &c.)*.

a. Greek affords many examples of verbs which suffer a kind of Guṇa or Vṛiddhi change in the perfect; but this change is not confined to the singular, as in Sanskrit. Compare *λέλοιπα* (from *λείπω*, *ἔλιπον*), *πέποιθα* (from *πείθω*, *ἔπιθον*), *τέτροφα* (from *τρέφω*), *τέθεικα* (from *τίθημι*), &c. There is one Greek root, however, which agrees very remarkably with the Sanskrit in restricting Guṇa to the singular, viz. *Fið* (*εἶδω*), 'to know,' answering to the Sanskrit *vid* above: thus, *οἶδα*, *οἶσθα*, *οἶδε*; *ἴστων*, *ἴστων*; *ἴσμεν*, *ἴστε*, *ἴσασι*. The root *vid* has a contracted form of its 2d pret. used for the present, which agrees exactly with *οἶδα*: thus, *veda*, *vettha*, &c. See 308. a.

366. Again, from *कृ kṛi*, 8th c., 'to do' (see 684), comes the base of the 1st and 3d singular Parasm. *चकार् chakār* (331. b), the base of the 2d sing. *चकर् chakar*, and the base of the rest of the tense *चकृ चकṛi* (1. *chakār* + *a* = *चकार*, 2. *chakar* + *tha* = *चकर्थ*, 3. *chakār* + *a* = *चकार*; Du. 1. *chakṛi* + *va* = *चकृव* 267. a, 2. *chakṛi* + *athus* = *चक्रयुस्* by 34; Pl. 1. *chakṛi* + *ma* = *चकृम*, &c. Ātm. 1. *chakṛi* + *e* = *चक्रे* by 34; Pl. 2. *chakṛi* + *qhwe* = *चकृद्दे*. See scheme at 247).

a. Observe—In the 2d preterite the 1st and 3d sing. Parasmai and Ātmane have the same termination, and are identical in form.

367. Note, that if a root end in *इ i* or *ई í* this vowel does not blend with the initial *i* of the terminations in the du. pl. Parasmai, sing. du. pl. Ātmane-pada, but is changed to *y*, violating 31: thus, from *चि chi*, 5th c., 'to collect' (see the table at 583), come the bases *chichai*, *chiche*, and *chichi*, changeable to *chicháy*, *chichay*, and *chichy* (1. 3. *चिचाय*, 2. *चिचिय* or *चिचेय*; Du. 1. *चिचिय*, 2. *चिच्ययुस्* by 34. Ātm. 1. 3. *चिच्ये*, &c.). Similarly, *नी ní*, 1st c., 'to lead' (Du. 1. *निनिय*, &c.; Ātm. 1. *निन्ये*, &c.). Observe, *chi* has also an anomalous form of the 2d pret. *चिकाय*.

* There is a contracted form of the 2d preterite of *vid* sometimes used for the present. See 308. a.

a. But roots ending in *i* or *í*, and having a double initial consonant, change इ *i* or ई *í* to इय *iy* before all the terminations, excepting those of the singular, Parasmai-pada: hence, from अि 1st c., 'to have recourse,' come the three bases *śísrai*, *śísre*, and *śísriy* (1. 3. शिश्राय, 2. शिश्रियथ or शिश्रेथ; Du. 1. शिश्रियथ, &c.). So क्री 9th c. makes 1. 3. *chikráya*, 2. *chikrayitha* or *chikretha*; Du. 1. *chikriyava*; Pl. *chikriyima*, &c. Átm. *chikriye*, &c.

b. And all roots ending in *u* or *ú* change *u* or *ú* to उव *uv* before these terminations, excepting of course the roots अु, लु, दु, खु, in the persons marked with * at p. 107, and excepting भू *bhú*, 1st c., 'to be,' at 585, which makes its base बभूव *babhúv* throughout sing. du. and pl. Parasmai and Átmane: thus, from धू 5th c., 'to shake,' come the bases *dudhan*, *dudho*, and *dudhuv* (1. 3. दुधाव, 2. दुधवियथ or दुधोय; Du. 1. दुधुविव. Átm. 1. 3. दुधुवे, 2. दुधुविमे). But अु 5th c. makes 1. 3. गुत्राव, 2. गुत्रोय; Du. 1. गुत्रुव, 2. गुत्रुवधुस्. Átm. 1. 3. गुत्रुवे. See 676.

c. And roots ending in the vowel *ri*, preceded by a double consonant, and most roots in long *rí*, instead of retaining this vowel, and changing it to *r* by 364. c. before the terminations of the du. and pl. Parasmai, sing. du. and pl. Átmane, gunate it into *ar*, as in the 2d sing., before all these terminations: thus, from स्मृ *smri*, 'to remember,' 1. 3. *sasmára*, 2. *sasmaritha*; Du. 1. *sasmariva*. Átm. 1. 3. *sasmare*. But पृ 'to fill,' शृ 'to dissolve,' and दृ 'to rend,' may optionally retain *ri*, changeable to *r*: thus, Du. पपरिव or पप्रिव.

368. By referring back to the scheme at p. 107, it will be seen that all the terminations of this tense begin with vowels. Those which begin with *i* are distinguished by the mark *, because eight roots, and only eight roots in the language (viz. कृ 'to do,' भृ 'to bear,' मृ 'to go,' वृ 'to surround,' श्रु 'to hear,' स्तु 'to praise,' दु 'to run,' सु 'to drop'), reject the *i* from these terminations.

a. Most roots, however, ending in vowels, and most of those in consonants which absolutely reject the initial *i* from the terminations of the futures (see 394), are allowed the option of rejecting it in the 2d sing. Parasmai of the 2d preterite; but in these *itha* as well as *tha* is generally admissible †.

b. Since, therefore, only eight roots reject the initial *i* from the 1st dual &c.‡, and these all end in vowels, it follows that the final consonants of roots can never in this tense coalesce with the initial consonants of terminations, excepting sometimes optionally in the 2d

† Nevertheless, six of the eight roots at 368 and p. 107, and a few others ending in vowels, take *tha* only. सु, वृ, and many roots assuming *i*, take *itha* only.

‡ It is said, however, that some roots ending in consonants optionally reject the *i* in the 1st du. and plur.: thus, the 1st du. of the 2d pret. of *sidh* is said to be either सिधिध्व or सिधिधिव.

singular; in which case the rules of Sandhi propounded at 296 &c. are observed*: see also 388. c. Its formation, therefore, is not attended with many difficulties of consonantal combination. Nevertheless, there are numerous anomalies, as follows.

ANOMALOUS REDUPLICATION OF AN INITIAL VOWEL.

369. We have already seen at 364. a, that if a root ending in a single consonant begin with अ a, इ i, or उ u, these vowels are repeated, and the two similar vowels blend into one long one by 31: thus, from अस् as, 'to be,' comes a as, or ás (1. 3. ás + a = आस ása). So from आप् áp, 'to obtain,' comes a áp, or áp. See 681.

370. But when an initial i or u is gunated (as in the sing. Parasm.), then the reduplicated i becomes iy before e, and the reduplicated u becomes uv before o: thus, from इष् ish, 6th c., 'to wish,' come the two bases iyesh and ish, see 637 (1. 3. इयेष, &c.; Du. I. ईयिव, &c.); and from उख् ukh, 1st c., 'to move,' the two bases uvokh and úkh (1. 3. उवोख, &c.; Du. I. ऊखिव).

371. And if a root begin with अ a and end in a double consonant, or begin with च्च ri and end in a single consonant, the reduplicated syllable is án: thus, from अर्च् arch, 1st c., 'to worship,' comes the base आनर्च् ánarch (1. 3. आनर्च); from च्चृध् řidh, 5th c., 'to flourish,' comes आनर्ध् ánardh (1. 3. आनर्ध; Du. I. आनृधिव, &c.).

a. अश् 5th c. Átm., 'to pervade,' although ending in श्, follows 371 (1. 3. आनशे).

372. इ i, 2d c., 'to go,' is vřiddhied in 1st and 3d sing., and the reduplicated syllable is इय् iy, in accordance with 370. In the du. and pl. the base is ईय् íy (1. 3. इयाय, 2. इययिष or इयेष; Du. I. ईयिव, &c.). See 645.

a. Observe—When the preposition adhi is prefixed to the root i, it is then Átmane only, and the 2d preterite is formed as if from gá: thus, 1. 3. अधिजागे, &c.

ANOMALOUS MODES OF FORMING THE BASE OF THE SECOND PRETERITE.

373. Roots ending in आ á (as, दा dá, 3d c., 'to give;' धा dhá, 3d c., 'to place;' या yá, 2d c., 'to go;' स्था sthá, 1st c., 'to stand,' &c.) drop the á before all the terminations, excepting the tha of the 2d sing., and substitute औ au for the terminations of the 1st and 3d sing. Parasmai. Hence, from dá comes the base dad, see 663 (1. 3. ददौ, 2. ददिय or ददाय; Du. I. ददिव. Átm. I. 3. ददे, 2. ददिषे, &c.).

374. Roots ending in the diphthongs ए e (except ह्हे &c. at 379), ऐ ai, औ au, follow 373, and form their 2d preterite as if they ended in á: thus, धे 1st c., 'to drink,' makes in 1st and 3d sing. दधौ, 2d दधिय or दधाय, Du. I. दधिव; गे 1st c., 'to sing,' makes जगौ; झै 1st c., 'to fade,' मझौ; शो 4th c., 'to sharpen,' शशौ.

375. Roots beginning with any consonant, and ending with a single consonant, and enclosing a short अ a, lengthen the a in the 1st † and 3d sing.; as, from

* Thus, from pach, 'to cook,' 2d sing. papaktha; from dřiś, 'to see,' 2d sing. dadrashṭha. See 388. c.

† The lengthening of a is said to be optional in 1st sing.: thus, pach makes in sing. I. either papácha or papacha.

पच् *pach*, 1st c., 'to cook,' **पपाच्** *papách*; from *tyaj*, 1st c., 'to quit,' *tatyáj* (1. 3. *tatyája*, 2. *tatyajitha*; Du. 1. *tatyajiva*, &c.).

a. Moreover, before *itha* and in the dual and plur. Parasmai, and all the persons of the *Átmane*, if the initial as well as the final consonant of the root be single, the **अ** *a* is changed to **ए** *e*, and, to compensate for this, the reduplication suppressed*: thus, from *pach* come the two bases **पपाच्** *papách* and **पच्** *pech* (1. 3. *papácha*, 2. *pechitha* or *papaktha* 296; Du. 1. *pechiva*. *Átm.* 1. 3. *peche*, &c.). Similarly, from **लभ्** *labh*, 1st c. *Átm.*, 'to obtain' (cf. *λαμβάνω*, *ἐλαβον*), the base **लेभ्** *lebh* throughout (*lebhe*, *lebhishhe*, *lebhe*, *lebhivahe*, &c.). So *nah*, 4th c., 'to bind,' makes 1. 3. *nanáha*, 2. *nehitha* or *nanaddha* by 305; Du. 1. *nehiva*, &c. *Átm.* *nehe*, &c. Similarly, *naś*, 4th c., 'to perish,' 1. 3. *nanáśa*, 2. *neśitha* or *nananshtha* (**ननंश्**), &c.: compare 388. *d*.

b. Roots of this last kind, that require a substituted consonant in the reduplication, are excepted from the rule (but not **भञ्** *bhaj* and **फल्** *phal*).

c. So also the roots **वच्**, **वह्**, **वप्**, **वश्**, **वम्**, **वह्**, beginning with *v*, are excepted. These require that the reduplicated syllable be **उ** *u*, or the corresponding vowel of the semivowel, and also change *va* of the root to **उ** *u* before every termination, except those of the sing. Parasmai, the two *u*'s blending into one long **ऊ** *ú*: thus, from **वच्** *vach*, 2d c., 'to speak,' come the two bases **उवाच्** *uvách* and **ऊच्** *úch* (1. 3. *uvácha*, 2. *uvachitha* or *uvaktha*; Du. 3. *úchatus*; Pl. 3. *úchus*). The root **वह्** *vah*, 1st c., 'to carry,' changes the radical vowel to **ओ** *o* before *tha* (see 305. *a*), optionally substituted for *itha* (1. 3. **उवाह्**, 2. **उवहिय** or **उवोढ**). Compare 424.

d. Observe—The root **वम्** *vam*, 1st c., 'to vomit,' usually follows 375 (*Pán.* VII. 2. 5), but may also follow 375. *a*.

e. A similar rule is applied in **यञ्** *yaj*, 1st c., 'to sacrifice' (1. 3. *iyája*; Du. 3. *íjatus*; Pl. 3. *íjus*); and the 2d sing. of this root will be either **इयजिय** or **इयष्ठ** by 297, or **येजिय** by 375. *a*. The *Átmane* is 1. 3. **ईजे**, 2. **ईजिये**, &c. See 597.

f. The roots **ग्रन्थ्** 9th and 1st c., **अन्थ्** 9th c., **खन्** 1st c., **भम्** 4th c., **राञ्** 1st c., **भाञ्** 1st c. *Átm.*, **भाश्** 1st and 4th c., may optionally follow 375. *a*, although not answering its conditions, and **त्प** 1st c. *Átm.* necessarily: thus, *granth* makes sing. du. pl. 3. either *jagrantha*, *jagranthatus*, *jagranthus* or *jagrantha*, *grethatus*, *grethus*; *bhram* makes *babhráma*, *babhramatus*, *babhramus*, by 375, or *babhráma*, *bhrematus*, *bhremus*; and *trap* makes *trepe*, *trepáte*, *trepire*.

Similarly, **राष्** 4th and 5th c., but not when *á* is prefixed.

g. **तृ** 1st c., 'to pass,' also follows 375. *a* (as if it were *tar*): thus, 1. 3. *tatára*, 2. *teritha*; Du. 1. *teriva*, &c. **जू** 4th c., 'to grow old,' may optionally follow 367. *c* or 375. *a* (3. *jájára*; Du. 3. *jajaratus* or *jeratus*, &c.).

376. **गम्** *gam*, 1st c., 'to go,' **जन्** *jan*, 4th c., 'to be born,' **खन्** *khan*, 1st c., 'to dig,' and **हन्** *han*, 2d c., 'to kill' (which last forms its 2d pret. as if from **घन्** *ghan*), drop the medial *a* before all the terminations, except those of the sing. Parasm.

* Bopp deduces forms like *pechiva*, from *papachiva*, by supposing that the second *p* is suppressed, the two *a*'s combined into *á*, and *á* weakened into *e*.

(compare the declension of *rājan* at 146, 149). Hence, *gam* makes in sing. du. pl. 3. *jagāma*, *jagmatus*, *jagmus*; *jan* makes *ajāna*, *ajānatus*, *ajānus*; *khan* makes *chakhāna*, *chakhnatus*, *chakhnus*; and *han* makes *jaghāna*, *jaghnatus*, *jaghnus*.

377. घम् *ghas*, 1st c., 'to eat,' is analogous, making *jaghāsa*, *jakshatus*, *jukshus*. See 42 and 70.

378. जि *ji*, 1st c., 'to conquer,' forms its 2d pret. as if from गि *gi*, see 590 (1. and 3. जिगाय; Du. 1. जिगियव, &c.); हि *hi*, 5th c., 'to send,' as if from षि (1. 3. जिषाय); च्च *ri*, 1st c., 'to go,' makes its base आर् *ār* throughout*.

379. ह्वे *hve*, 1st c., 'to call,' forms its 2d pret. as if from हु or हू, see 595 (1. 3. जुहाव; Du. 1. जुहुविव); दे *de*, 1st c., 'to pity,' 'to protect,' makes its base दिगि (1. 3. आत्म. दिग्ये, 2. दिग्यये, &c.); ये *rye*, 1st c., 'to cover,' makes its bases विर्यय, *viryay*, and विर्य (1. विव्याय, 2. विव्ययिथ; Du. 1. विव्यिव or विव्ययिव); वे *ve*, 1st c., 'to weave,' forms its 2d pret. as if from वा or वव or वय (1. 3. ववौ or उवाय, 2. ववाथ or वविथ or उवयिथ; Du. 1. वविव or ऊविव or ऊविव, &c.).

380. ग्रह *grah*, 9th c., 'to take,' makes its base जग्राह् and जगृह् (S. Du. Pl. 3. जग्राह, जगृहतुस्, जगृहुस्). See 699.

381. प्रच्छ *prachch*, 6th c., 'to ask,' makes its base पप्रच्छ † throughout; see 631. भज्ज *bhrajj*, 6th c., 'to fry,' makes either वभज्ज or वभज्ज throughout. See 632.

382. स्वप् *swap*, 2d c., 'to sleep,' makes its bases मुष्याप् and मुषुप्. See 655 and 70.

383. व्यथ 4th c. 'to pierce,' व्यच् 6th c. 'to deceive,' व्यच् 1st c. 'to be pained,' and व्यय् 1st c. 'to spend,' make their reduplicated syllable *vi*; and the first two roots change *vya* to *vi* before all the terminations, excepting the sing. Parasmai: thus, from *vyadh* comes sing. du. pl. 3. विव्याथ, विविथनुस्, विविथुस्; आत्म. विविथे, &c. See 615 and 629.

384. अह *ah*, 'to say,' is only used in the 2d pret., and is defective in sing. du. pl. 1. and pl. 2, forming 2d sing. from अत् (2. आत्थ, 3. आह; Du. 2. आहथुस्, 3. आहतुस्; Pl. 3. आहुस्).

385. Roots which begin with a vowel, long by nature or position (except *áp*, 5th c., 'to obtain'; *áúchh*, 1st c., 'to stretch'; and except roots having an initial *a* before two consonants), and all roots of more than one syllable (excepting *úrnu*, 2d c., 'to cover'), form their 2d preterites by adding आम् *ām* to the base, and affixing the 2d preterite of some one of the auxiliary verbs, अस् *as*, 'to be'; भू *bhú*, 'to be'; कृ *kri*, 'to do.' (Observe—आम् with चकार becomes आच्चकार by 59.) Thus, from ईश् 2d c., 'to rule,' comes 1st and 3d sing. 2d pret. ईशामास् or ईशाम्ब-भूव or ईशाच्चकार 59; from चकाम् 2d c., 'to shine,' comes चकामाच्चकार. When the Átmane-pada inflection has to be employed, कृ only is used: thus, ईड् 2d c. Átm., 'to praise,' makes 1st and 3d sing. 2d pret. ईडाच्चक्रे. The root ऊर्गु 2d c.,

* Pāṇini VII. 4. 11. VII. 2. 66.

† This rests on Siddhānta Kaum. 134. Some grammarians make the base in du. and pl. &c. पपृच्छ्.

'to cover,' is anomalous, and makes sing. du. pl. 1. ऊर्णुनाव, ऊर्णुनुविव, ऊर्णुनुविम; *Ātm.* ऊर्णुनुवे, &c.

a. Observe—Roots of the 10th class form their 2d pret. according to 385, the syllable *ám* being added to the base: thus, from *chur*, 10th c., 'to steal,' 2d pret. sing. 1. 3. *chorayámāsa*. See under Causals, 471.

b. Also according to 385 is formed the 2d preterite of all derivative verbs, such as causals, desideratives, and frequentatives.

c. Also of the roots अय् *ay*, 1st c., 'to go;' द्य् *day*, 1st c., 'to pity;' and क्स् *kás*, 1st c., 'to shine' (कासाच्चक्र)*: and optionally of the roots भी *bhí*, 3d c., 'to fear' (विभाय or विभयाच्चकार); ह्री *hrí*, 3d c., 'to be ashamed' (जिहाय or जिहयाच्चकार); भृ *bhri*, 3d c., 'to bear' (विभार or विभराच्चकार); हु *hu*, 3d c., 'to sacrifice' (जुहाव or जुहवाच्चकार); विद् *vid*, 2d c., 'to know;' उष् *ush*, 1st c., 'to burn' (उवोष or ओषाच्चकार).

d. Some polysyllabic roots also take both forms of the 2d preterite: thus, *daridrā*, 2d c., 'to be poor,' makes दरिद्राच्चकार and ददरिद्रौ; *jágrī*, 2d c., 'to awake,' makes जागराच्चकार and जजागार.

First and second future.

386. Observe—The first future results from the union of the nom. case of the noun of agency (formed with the affix तृ *tri*, see 83. I) with the present tense of the verb अस् *as*, 'to be:' thus, taking दानृ *dātṛi*, 'a giver' (declined at 127), and combining its nom. case with अस्मि *asmi* and हे *he*, we have *dátásmi* and *dátáhe*, 'I am a giver,' identical with the 1st pers. sing. *Parasmai* and *Ātmane* of the 1st fut., 'I will give.' So also *dátási* and *dátáse*, 'thou art a giver,' or 'thou wilt give.' In the 1st and 2d persons dual and plur. the sing. of the noun is joined with the dual and plur. of the auxiliary. In the 3d person the auxiliary is omitted, and the 3d sing. dual and plur. of the 1st future in both voices is then identical with the nom. case sing. dual and plur. of the noun of agency: thus, *dátá*, 'a giver,' or 'he will give;' *dátárau*, 'two givers,' or 'they two will give,' &c. †

387. Observe also—The second future, in its terminations, resembles the present tense, the chief difference being that *syā* is prefixed.

388. Rule for the formation of the base in verbs of the first nine classes. Gunate the vowel of the root (except when debarred by 28. b, and except in certain uncommon roots of the 6th class) throughout all the persons of both first and second future. See 293. a. at the end.

a. Note, that in all roots ending in consonants, excepting those included in the list at 400, and in a few ending in vowels, enu-

* Pāṇini III. 1. 37. 35.

† The future signification inherent in the noun of agency *dátá*, seems implied in Latin by the relation of *dator* to *daturus*.

merated at 397, 399, the vowel इ *i* must be inserted between the root so gunated, and the terminations.

b. The roots of the 6th class not gunated are कुच्, गुञ्, कुट्, घट्, चुट्, छट्, तुट्, वृट्, पुट्, मुट्, स्फुट्, कुड्, क्लुड्, कृड्, गुड्, घुड्, चुड्, जुड्, तुड्, द्रुड्, नुड्, पुड्, बुड्, भुड्, वृड्, मुड्, लुड्, हुड्, डिप्, हुर, स्फुर, ध्रुव्.

c. Roots containing the vowel *ri* are generally gunated, but they may optionally change *ri* to *ra*, when *i* is not inserted: thus, *trip* becomes either *tarp* or *trap*. The root *mrij* is vridhdied into *márj* (compare 324). Note, that when the change of *ri* to *ra* is allowed in the futures, it is admitted also in the 3d preterite and conditional, and before *tha* in the 2d singular of the 2d preterite.

d. One or two roots, like *majj*, *naś*, insert a nasal in the two futures and some of the other non-conjugational tenses. See 403, 410.

389. Thus, from जि *ji*, 1st c., 'to conquer,' comes the base जे *je* (1st Fut. *je + tásmi = जेतास्मि*, &c.; Átm. *je + táhe = जेताहे*. 2d Fut. *je + syámi = जेष्यामि*, &c.; Átm. *je + sye = जेष्ये*, by 70). Similarly, from श्रु *śru*, 5th c., 'to hear,' comes the base श्रो *śro* (1st Fut. *śro + tásmi = श्रोतास्मि*, &c.; 2d Fut. *śro + syámi = श्रोष्यामि*, &c., by 70).

390. So also, from बुध् *budh*, 1st c., 'to know,' comes the base बोधि *bodhi* (1st Fut. *bodhi + tásmi = बोधितास्मि*, &c.; Átm. *bodhi + táhe = बोधिताहे*. 2d Fut. *bodhi + syámi = बोधिष्यामि*, &c.; Átm. *bodhi + sye = बोधिष्ये*).

391. This insertion of *i*, the manifest object of which is to prevent the coalition of consonants, is unfortunately forbidden in one hundred and three roots ending in consonants, some of which are of very common occurrence; and the combination of the final consonant of the root with the initial *t* and *s* of the terminations, will require an acquaintance with the rules already laid down at 296, &c. When these rules are known, there will be no difficulty in the formation of these tenses. The only question is, how are we to ascertain whether a root inserts *i*, or whether it rejects it? The lists about to be given at 394 and 400 will determine this point.

392. It is of the utmost importance that the attention of the student be directed towards these lists, as the assumption or rejection of this inserted vowel is not confined to the two futures, but extends to many other parts of the verb; inso-much, that if the first future reject इ *i*, it is, as a necessary consequence, rejected in the third preterite, the Átmane-pada of the benedictive, the conditional, the infinitive mood, the passive past participle, the indeclinable past participle, the future participle formed with the affix *tavya*, and the noun of agency formed with the affix *tri*; and is, moreover, optionally rejected in the 2d pers. sing. of the 2d

preterite, and decides the formation of the desiderative form of the root by *s* instead of *ish*. So that the learner, if he know the first future, will pass on with great ease to the formation of these other parts of the verb, and should always look to this tense as his guide. For example, taking the root *kship*, 'to throw,' and finding the 1st future to be *ksheptásmi*, he knows that *i* is rejected. Therefore he knows the 2d future to be *kshepsyámi*; the 3d pret. to be *akshaipsam*; the *Átmāne* of the benedictive, *kshipsiya*; the conditional, *akshepsyam*; the infinitive, *ksheptum*; the passive past participle, *kshipta*; the indeclinable participle, *kshiptwá*; the future participle, *ksheptavya*; the noun of agency, *ksheptri*; the 2d pers. sing. of the 2d pret. optionally *chiksheptha*; the desiderative, *chikshipsámi*. On the other hand, taking the root *yách*, 'to ask,' and finding the 1st future to be *yáchitá*, he knows that *i* is inserted, and therefore the same parts of the verb will be *yáchishyámi*, *ayáchisham*, *yáchishya*, *ayáchishyam*, *yáchitum*, *yáchita*, *yáchitwá*, *yáchitavya*, *yáchitri*, *yayáchitha*, *yayáchishámi*, respectively.

393. It is evident that roots ending in vowels do not require *i*; and it may be taken as a general rule that they all reject it, excepting roots ending in ऊ *ú* and च्च *ri*; and excepting a few roots ending in the other vowels.

Observe—In the following lists the 3d pers. sing. of the 1st and 2d future is given after each root. The roots are arranged in the order of their radical vowels.

ROOTS ENDING IN VOWELS, REJECTING OR INSERTING इ *i* IN THE
LAST FIVE TENSES.

394. All roots in आ *á*, as दा 3d c. (दाता, दास्यति, δώσει), reject *i*.

395. All roots in इ *i* and ई *í*, as जि 1st c. (जेता, जेष्यति), नी 1st c. (नेता, नेष्यति), reject *i*.

a. Except अि (अयिता, अयिष्यति), अि 1st c. (अयिता, अयिष्यति), डी 1st and 4th c. (डयिता, डयिष्यति), and शी 2d c. (शयिता, शयिष्यति).

396. All roots in उ *u*, as शु 5th c. (श्रोता, श्रोष्यति), reject *i*.

a. Except the roots क्षु, ह्क्षु, नु, यु, रु, सु (क्षविता, क्षविष्यति, &c.).

b. The root सु 2d c. *Átm.* optionally inserts *i* (सोता or सविता, सोष्यते or सविष्यते).

397. Roots in ऊ *ú* insert इ *i*, as भू 1st c. (भविता, भविष्यति); but पू 5th c. optionally rejects it (धविता or धोता, धविष्यति or धोष्यति).

398. All roots in च्च *ri* reject *i* in the 1st future, but not in the 2d, as कृ 8th c. (कर्त्ता, करिष्यति).

a. Except the root वृ 5th c., which optionally lengthens the *i* (वरिता or वरीता, वरिष्यति or वरीष्यति).

b. The roots स्तृ 9th c. and च्च 1st c. have three forms of the 1st future (स्तर्ता, स्तरिता or स्तरीता &c., अर्ता &c.).

399. Roots in च् *ri* long, insert इ *i*, as तृ (तरिता, तरिष्यति).

a. They may optionally lengthen the *i* (तरीता, तरीष्यति).

b. Roots in ए *e*, ऐ *ai*, ओ *o*, reject *i*; but change their final diphthongs to आ *á* before the terminations of the futures; thus सो 4th c. (साता, सास्यति). The root चै 1st c. may optionally insert *i* (ष्याता or ष्यायिता, &c.).

ROOTS ENDING IN CONSONANTS, REJECTING इ *i* IN THE LAST FIVE TENSES.

Observe—The roots marked * optionally reject *i* or insert it.

400. One in क *k*.

शक्, शक्ता, शक्यति, see 296.

401. Six in च् *ch*, and one optionally.

पच् 1st c., पक्ता, पक्ष्यति 296.

वच् 2d c., वक्ता, वक्ष्यति.

रिच् 7th c., रेक्ता, रेक्ष्यति.

विच् 7th and 3d c., वेक्ता, वेक्ष्यति.

सिच् 6th c., सेक्ता, सेक्ष्यति.

मुच् 6th c., मोक्ता, मोक्ष्यति.

* व्रश्च् 6th c., व्रष्टा or व्रश्चिता, व्रक्ष्यति or व्रश्चिष्यति.

402. One in छ् *chh*.

प्रच्छ् 6th c., प्रष्टा, प्रक्ष्यति 297.

403. Fifteen in ज् *j*, and two optionally.

त्यज् 1st c., त्यक्ता, त्यक्ष्यति 296.

भज् 1st c., भक्ता, भक्ष्यति.

यज् 1st c., यष्टा 297, यक्ष्यति.

भज्ज् 6th c., भष्टा, भष्टा, भक्ष्यति, भक्ष्यति.

मज्ज् 6th c., मंक्ता, मंक्ष्यति 388. c.

भज्ज् 7th c., भंक्ता, भंक्ष्यति.

रज्ज् 1st and 4th c., रंक्ता, रंक्ष्यति.

सज्ज् 1st c., संक्ता, संक्ष्यति.

स्वञ्ज् 1st c., स्वंक्ता, स्वंक्ष्यते.

निञ्ज् 3d c., नेक्ता, नेक्ष्यति.

विञ्ज् 3d c.†, वेक्ता, &c., like विच्.

भुञ्ज् 7th c., भोक्ता, भोक्ष्यति.

युञ्ज् 7th c., योक्ता, योक्ष्यति.

रुञ्ज् 6th c., रोक्ता, रोक्ष्यति.

मृञ्ज् 6th c., मष्टा 297, मक्ष्यति.

* अञ्ज् 7th c., अंक्ता or अञ्जिता, अंक्ष्यति or अञ्जिष्यति.

* मृञ्ज् 2d c., माष्टा or मार्जिता, माक्ष्यति or मार्जिष्यति 388. b.

404. Fourteen in द् *d*.

अद् 2d c., अक्ता, अक्ष्यति, see 46.

पद् 4th c., पक्ता, पक्ष्यते.

शद् 1st and 6th c., शक्ता, शक्ष्यति.

सद् 1st and 6th c., सक्ता, सक्ष्यति.

स्कन्द् 1st c., स्कन्ता, स्कन्क्ष्यति.

हद् 1st c., हक्ता, हक्ष्यते.

खिद् 6th c., खेक्ता, खेक्ष्यति.

छिद् 7th c., छेक्ता, छेक्ष्यति.

भिद् 7th c., भेक्ता, भेक्ष्यति.

विद् 6th c., वेक्ता, वेक्ष्यति.

खिद् 4th c., खेक्ता, खेक्ष्यति.

क्षुद् 7th c., क्षोक्ता, क्षोक्ष्यति.

तुद् 6th c., तोक्ता, तोक्ष्यति.

नुद् 6th c., नोक्ता, नोक्ष्यति.

† When विञ्ज् belongs to the 7th c., it takes *i*: thus, विजिता, विजिष्यति.

405. Eleven in ध *dh*.

वन्ध् 9th c., वन्धा, भन्स्यति 299. *a*.
 व्यध् 4th c., व्यधा, व्यस्यति.
 राध् 5th c., राधा, रास्यति.
 साध् 4th and 5th c., साधा, सास्यति.
 सिध् 4th c. †, सेधा, सेस्यति.
 क्रुध् 4th c., क्रोधा, क्रोस्यति.
 क्षुध् 4th c., क्षोधा 298, क्षोस्यति 299.
 बुध् 4th c. †, बोधा 298, भोस्यते 299. *a*.
 युध् 4th c., योधा, योस्यते.
 रुध् 7th c., रोधा, रोस्यति.
 शुध् 4th c., शोधा, शोस्यति.

406. Two in न् *n*.

मन् 4th c., मन्ता, मंस्यते 6. *b*.
 हन् 2d c., हन्ता, but हनिष्यति.

407. Eleven in प् *p*, and three optionally.

तप् 1st c., तप्ता, तप्स्यति.
 वप् 1st c., वप्ता, वप्स्यति.
 शप् 1st c., शप्ता, शप्स्यति.
 स्वप् 2d c., स्वप्ता, स्वप्स्यति.
 आप् 5th c., आप्ता, आप्स्यति.
 क्षिप् 6th c., क्षेप्ता, क्षेप्स्यति.
 तिप् 1st c., तेप्ता, तेप्स्यति.
 लिप् 6th c., लेप्ता, लेप्स्यति.
 लुप् 6th c., लोप्ता, लोप्स्यति.
 लृप् 6th c., लृोप्ता, लृोप्स्यति.
 * कृप् 1st c., कल्पा or कल्पिता, कल्पस्यति
 or कल्पिष्यते.
 * तृप् 4th c., तर्प्ता or तर्पिता, तर्प्स्यति
 or तर्पिष्यति †.
 * दृप् 4th c., दर्प्ता or दर्पिता, दर्प्स्यति

or दर्पिष्यति ‡.

मृप् 1st c., मर्प्ता, मर्प्स्यति †.

408. Three in भ् *bh*, and one optionally.

यभ् 1st c., यम्बा, यभ्स्यति.
 रभ् 1st c., रम्बा, रभ्स्यते.
 लभ् 1st c., लम्बा 298, लभ्स्यते 299.
 * लुभ् 4th c., लोम्बा or लोभिता, but
 लोभिष्यति.

409. Four in म् *m*, and one optionally.

गम् 1st c., गन्ता 59, but गमिष्यति.
 नम् 1st c., नन्ता, नंस्यति.
 यम् 1st c., यन्ता, यंस्यति.
 रम् 1st c., रन्ता 59, रंस्यते 6. *b*.
 * क्रम् 1st c. *Ātm.*, क्रन्ता or क्रमिता,
 क्रंस्यते or क्रमिष्यति.

410. Ten in ङ् *ṅ*, and two optionally.

दंश् 1st c., दंष्टा 300, दंस्यति 302.
 दिश् 6th c., देष्टा, देस्यति (deiḍēi).
 विश् 6th c., वेष्टा 300, वेस्यति 302.
 रिश् 6th c., रेष्टा, रेस्यति.
 लिश् 4th c., लेष्टा, लेस्यते.
 क्रुश् 1st c., क्रोष्टा, क्रोस्यति.
 रुश् 6th c., रोष्टा, रोस्यति.
 दृश् 1st c., द्रष्टा, द्रस्यति.
 मृश् 6th c., मर्ष्टा, मर्स्यति †.
 स्मृश् 6th c., स्पर्ष्टा, स्पर्स्यति †.
 * नश् 4th c., नंष्टा or नशिता, नंस्यति
 or नशिष्यति.

† When सिध् and बुध् belong to the 1st c., they take *i*: thus, सेधिता, बोधिता, &c.‡ These may optionally change the radical vowel *ri* to *ra* instead of *ar*: thus, *sarptā* or *srapṭā*, &c. See 388. *c*.

* कृष् 9th c., क्रेष्टा or क्रेष्टिता, क्रेष्ट्यति
or क्रेष्टिष्यति.

411. Eleven in *ष् sh*, and six
optionally.

त्विष् 1st c., त्वेष्टा, त्वेष्ट्यति.

द्विष् 2d c., द्वेष्टा 301, द्वेष्ट्यति 302.

पिष् 7th c., पेष्टा, पेष्ट्यति.

विष् 3d c., वेष्टा, वेष्ट्यति.

शिष् 7th c., शेष्टा, शेष्ट्यति.

ध्विष् 4th c., ध्वेष्टा 301, ध्वेष्ट्यति 302.

तुष् 4th c., तोष्टा, तोष्ट्यति.

दुष् 4th c., दोष्टा, दोष्ट्यति.

पुष् 4th c. †, पोष्टा, पोष्ट्यति.

शुष् 4th c., शोष्टा, शोष्ट्यति.

कृष् 1st and 6th c., कर्ष्टा, कर्ष्ट्यति ‡.

* तक्ष् 1st and 5th c., तष्टा or तक्षिता,
तक्ष्यति or तक्षिष्यति.

* त्वक्ष् 1st c., त्वष्टा or त्वक्षिता, &c.

* इष् 6th c., एष्टा or एषिता, but
एषिष्यति.

* रिष् 1st and 4th c., रेष्टा or रेषिता,
but रेषिष्यति.

* कुष् (with निष्) 9th c., -कोष्टा or
-कोषिता, -कोष्ट्यति or -कोषि-
ष्यति.

* रूष् 1st and 4th c., रोष्टा or रोषिता,
but रोषिष्यति.

412. Two in *स् s*.

घस् 1st c., घस्ता, घस्त्यति 304. *a*.

वस् 1st c., वस्ता, वस्त्यति 304. *a*.

413. Eight in *ह् h*, and seven
optionally.

दह् 1st c., दग्धा 305, धह्यति 306. *a*.

नह् 4th c., नडा 305, नह्यति 306. *b*.

वह् 1st c., वोढा 305. *a*, वह्यति 306.

दिह् 2d c., देग्धा 305, धेह्यति 306. *a*.

मिह् 1st c., मेढा 305. *a*, मेह्यति 306.

लिह् 2d c., लेढा 305. *a*, लेह्यति 306.

दुह् 2d c., दोग्धा 305, धोह्यति 306. *a*.

रुह् 1st c., रोढा 305. *a*, रोह्यति 306.

* सह् 1st c., सोढा 305. *a*. or सहिता,
सहिष्यते.

* गाह् 1st c., गाढा or गाहिता, घाह्यते
306. *a*. or गाहिष्यते.

* स्त्रिह् 4th c., स्त्रेग्धा or स्त्रेढा or स्त्रेहिता,
स्त्रेह्यति or स्त्रेहिष्यति.

* गुह् 1st c., गोढा or गूहिता, घोह्यति
306. *a*. or गूहिष्यति.

* दुह् 4th c., द्रोग्धा or द्रोढा or द्रोहिता,
द्रोह्यति 306. *a*. or द्रोहिष्यति.

* मुह् 4th c., मोग्धा or मोढा or मोहिता,
मोह्यति or मोहिष्यति.

* तृह् 7th c., तर्ढा or तर्हिता, तर्हिष्यति
or तर्ह्यति.

414. All roots, without exception, ending in *ख् kh*, *ग् g*, *घ् gh*, *ङ् jh*,
ट t, *ठ th*, *ड d*, *ढ dh*, *ण n*, *त् t*, *थ th*, *फ् ph*, *ब b*, *य y*, *र r*, *ल l*, *व v*,
take the inserted *इ i* in the last five tenses.

a. The root *ग्रह्* 9th c., 'to take,' lengthens the inserted *i* in
every tense except the 2d preterite: thus, *ग्रहीता*, *ग्रहीष्यति*, &c.
See 699.

† When *push* belongs to the 9th c., it takes *i*.

‡ *Kṛish* may optionally change *ṛi* to *ra*; as, *krashṭá*, &c.

Third preterite (Greek aorist, Latin perfect).

415. This complex and multiform tense, the most troublesome and intricate in the whole Sanskrit verb, is not so much one tense, as an aggregation of several tenses, all more or less allied to each other, all bearing a manifest resemblance to the first preterite, but none of them exactly assignable to that tense, and none of them so distinct in its character or so universal in its application as to admit of segregation from the general group, under any separate title of its own.

Fortunately, however, the third preterite occurs but rarely in the better specimens of Hindú composition; so that the student may satisfy himself with a cursory survey of its character and functions.

416. Although grammarians assert that there are seven different varieties of this tense, four of which correspond more or less to the Greek 1st aorist, and three to the 2d aorist, yet we shall endeavour to show that all these varieties may be included under the two distinct forms of terminations given in the table at 247, p. 107. The first form of terminations corresponds to those of the memorial scheme at 246, and belongs both to roots which reject *i* and to roots which assume it (see 394): but in the latter case the initial *s* of the 2d and 3d sing. is rejected, and the *i* blends with the *í*, which then becomes the initial of those terminations. Moreover, in the case of roots which assume *i* the base is formed according to rules different to those which apply in the case of roots which reject *i*. The 2d form of terminations resembles those of the first preterite, and belongs, in the first place, to certain roots, whose bases in the *first* preterite present some important variation from the root; in the second, to certain roots ending in श् *ś*, ष् *sh*, or ह् *h*, which have *i*, *u*, or *ī*, for their radical vowel; and, in the third, to verbs of the 10th class and causals.

417. Observe also—In all the modifications of the third preterite, the first step in the formation of the base is the prefixing of the augment अ *a*, a further indication of the community of character which this tense presents to the first preterite.

a. It will appear, however, in the Syntax, that when the third preterite is used as a prohibitive imperative, the particle न् *ná* being prefixed, the augment *a* is then rejected.

b. When a root begins with the vowels इ *i*, उ *u*, or चृ *ṛi*, short or long, the augment is prefixed in accordance with 260. a.

FORM I.

418. The terminations are here repeated from 247, p. 107.

1. <i>sam swa</i>	<i>sma</i>		<i>si</i>	<i>swahi</i>	<i>smahi</i>
2. <i>sís stam</i> or <i>tam</i>	<i>sta</i> or <i>ta</i>		<i>sthás</i> or <i>thás</i>	<i>sáthám</i>	<i>dhwam</i> or <i>ḍhwam</i>
3. <i>sít stám</i> or <i>tám</i>	<i>sus</i>		<i>sta</i> or <i>ta</i>	<i>sátám</i>	<i>sata</i>

419. Observe, that when *i* is not inserted before the above terminations, the initial *s* may be discarded from those terminations in which it is compounded with *t* and *th*, if the base ends in any consonant excepting *n*, or in any *short* vowel. Observe also, that द्ध *ḍ* *dhwam* takes the place of ध्व *dhwam*, when the base ends in any other vowel than *á*.

420. Rule for the formation of the base for those verbs of the first nine classes, at 395, 396, 398, 400, &c., which reject इ *i*. In the Parasmai, if a root end in either a vowel or a consonant, वृद्धि the radical vowel before *all* the terminations. In the Átmane, if a root end in इ *i*, ई *í*, उ *u*, or ऊ *ú*, गुणते the radical vowel; and if in चृ *ṛi* or any consonant, leave the vowel unchanged before *all* the terminations. Observe—The augment अ *a* must always be prefixed, as in the 1st preterite. See 260.

421. Thus, from नी 1st c., ‘to lead,’ come the two bases *anai* for Parasmai and *ane* for Átmane (*anai* + *sam* = अनैपं by 70; Átm. *ane* + *si* = अनैपि, *ane* + *sthás* = अनेष्टाम्, &c.); and from कृ 8th c., ‘to make,’ come the two bases *akár* for Parasmai and *akṛi* for Átmane (*akár* + *sam* = अकार्पं by 70, &c.; Átm. *akṛi* + *si* = अकृपि by 70, *akṛi* + *thás* = अकृषाम् by 419, *akṛi* + *ta* = अकृत, &c.). See 682. Similarly, भृ 3d c., ‘to bear.’ See the table at 583.

422. So from युज् 7th c., ‘to join,’ come the two bases *ayauj* for Parasmai and *ayuj* for Átmane (Parasmai *ayauj* + *sam* = अयौहं by 296, *ayauj* + *swa* = अयौह्व, *ayauj* + *tam* = अयौक्त by 419; Átm. *ayuj* + *si* = अयुषि by 296, *ayuj* + *thás* = अयुक्त्याम्, *ayuj* + *ta* = अयुक्त); and from रुप् 7th c., ‘to hinder,’ the bases *araudh* and *arudh* (Parasmai *araudh* + *sam* = अरौत्सं by 299, Du. *araudh* + *swa* = अरौत्स्, *araudh* + *tam* = अरौदं; Átm. *arudh* + *si* = अरुत्सि, *arudh* + *thás* = अरुद्दाम्, &c.).

423. Similarly, from पच् 1st c., ‘to cook,’ come the bases *apách* and *apach* (*apách* + *sam* = अपाहं by 296; Átm. *apach* + *si* = अपषि, *apach* + *thás* = अपक्त्याम्, &c.); and from दह् 1st c., ‘to burn’ (601), the bases *adáh* and *adah* (*adáh* + *sam* =

अधाक्षं by 306. a, *adáh + tam* = अदाग्धं by 305; Átm. *adah + si* = अधक्षि by 306. a, *adah + thás* = अदग्धास्, &c.).

424. The root वह् 1st c., 'to carry' (611), changes the radical vowel to ओ *o* before those terminations which reject an initial *s* (see 419, 305. a): thus, *aváksham*, *avákshís*, *avákshít*, *avákshwa*, *avoḍham*, &c.; Átm. *avakshi*, *avoḍhás*, *avoḍha*, &c.: compare 375. c. सह् 1st c. Átm., 'to bear,' generally follows 427 (*asakhishi*, &c.), though the form *asodha* is given for the 3d sing. With *avákshít* compare the Latin *vexit*, and with *avakshi* compare *vexi*.

425. नह् 4th c., 'to tie,' 'to fasten,' makes *anátsam*, *anátsís*, *anátsít*, *anátswa*, *anáddham*, &c.; and Átm. *anatsi*, *anaddhás*, &c., by 306. b (compare 182. e). Similarly, वस् 1st c., 'to dwell' (607), makes *avátsam*, &c., by 304. a.

426. मज्ज् 6th c., 'to be immersed,' and सञ्ज् 1st c., 'to adhere,' make *amán-ksham* &c., *asán-ksham* &c. See 633, 597. a.

a. The root इ 2d c., 'to go,' with *adhi* prefixed, signifying 'to go over,' 'to read,' Átmane-pada only, substitutes गी *gi* in the 3d pret.: thus, अध्यगीपि, अध्यगीष्ठास्, अध्यगीष्ट, &c.

b. Roots ending in न् or ण् rarely reject the sibilant from some of the terminations in the Átmane, as indicated at 418, dropping the final nasal where *s* is rejected: thus, तन् 8th c. makes in Átmane 2d and 3d sing. अतथास्, अतत (compare 57). Similarly, क्षण् 8th c. makes अक्षथास्, अक्षत. And the roots सन् 8th c., जन् 4th c., खन् 1st c., may lengthen the *a* when *n* is dropped: thus, अमाथास्, अमात, &c.; compare 354. a, 339. But the above roots generally follow 427, and prefix *i* to all the terminations; so that अतनिष्ठास्, अतनिष्ट, is more usual than अतथास्, अतत. The root मन् 4th and 8th c. makes 3d sing. अमंस्त or अमनिष्ट or अमत.

The same form with इ i prefixed.

427. Those verbs which assume इ *i* (see 388. a, 397, 399, 414) reject the initial sibilant from the terminations of the 2d and 3d sing., and the *i* then blends with the initial *i* of those terminations. In the other terminations the *i* causes the change of *s* to *sh* by 70: thus,

1. <i>isham</i>	<i>ishwa</i>	<i>ishma</i>		<i>ishi</i>	<i>ishwahi</i>	<i>ishmahi</i>
2. <i>ís</i>	<i>ishám</i>	<i>ishá</i>		<i>ishthás</i>	<i>isháthám</i>	<i>idhwam</i> or <i>idhwam</i>
3. <i>ít</i>	<i>ishám</i>	<i>ishus</i>		<i>ishá</i>	<i>ishátám</i>	<i>ishata</i>

Verbs which assume *i*, and take the above terminations, require a different rule for the formation of their base, as follows:—

428. Rule for the formation of the base for those verbs of the first nine classes which assume इ *i* before the terminations, as above.

a. If a root end in the vowels इ *i*, ई *í*, उ *u*, ऊ *ú*, ऋ *ri*, ॠ *ri*, vridhhi those vowels in the Parasmai before *all* the terminations, and गुणते them in the Átmane.

Observe—Roots ending in any other vowel than *ú* and *ṛi* rarely follow 427, as they generally reject *i*, and follow 418* (see 394, &c.).

b. If a root end in a single consonant, guṇate the radical vowel in both Parasmai and Átmane (except when debarred by 28. *b.*, and except in the roots enumerated at 388. *b.*). Of course the augment अ *a* must in every case be prefixed. See 260.

429. Thus, from पू 9th c., ‘to purify,’ come the two bases *apau* for Parasmai and *apo* for Átmane (*apau* + *i* + *sam* = अषाविषं by 37, *apau* + *i* + *ís* = अषावीम्, *apau* + *i* + *ít* = अषावीत्, &c.; Átm. *apo* + *i* + *si* = अषविषि, &c., by 36), see 583; and from नृ 1st c., ‘to cross,’ comes the base *atár* for Parasmai (*atár* + *i* + *sam* = atárisham, &c.).

a. Observe—Roots in च्च *ṛi*, and the root वृ *vṛi*, may optionally lengthen the inserted *i* in the Átmane: thus, अकरिषि or अकरीषि.

430. Similarly, बुध् *budh*, 1st c., ‘to know,’ makes *abodhisham*, &c., see 583; and वृत् *vṛit*, 1st c., ‘to be,’ makes *avartishi*, &c.; and एध् *edh*, 1st c., ‘to increase,’ makes *aidhishi*, &c. (260. *b.*), see 600.

431. A medial अ *a* is sometimes lengthened: thus, वद् *vad*, 1st c., makes अवादिषं, &c. See 598.

432. The roots कू, गू, धू, भू, नू, all of the 6th c., may either follow 429 or make अधुविषं *adhuvisham*, &c.

a. हन् 2d c., ‘to kill,’ forms its 3d preterite from वध्: thus, अवधिषं, &c. See 654.

433. Many roots in आ *á*, ए *e*, ओ *o*, and ऐ *ai*, with three in म् *m*, viz. यम् *yam*, रम् *ram*, नम् *nam*, assume *i*, but insert *s* before it; the final *e*, *o*, and *ai*, being changed to आ *á*: thus, from या 2d c., ‘to go,’ comes अयासिषं, &c. (see 644); from शो 4th c., ‘to sharpen,’ अशासिषं, &c.; from यम् 1st c., ‘to restrain,’ अयंसिषं, &c. दरिद्रा 2d c., ‘to be poor,’ makes *adaridrisham* or *adaridrásisham*, &c.

a. In the Átmane these roots reject the *i* and the *s* which precedes it, and follow 418: thus, from मा 3d c., ‘to measure,’ comes अमासि, &c. (see 665); from रम् 1st c., ‘to sport,’ अरंसि, अरंस्यास्, अरंस्त, &c.

434. Some Átmane-pada verbs of the 4th class form the 3d person sing. of the 3d preterite by rejecting the termination *sta*, and leaving *i*, as in the passive (475. *a.*): thus, पद् 4th c., ‘to go,’ makes 3d pret. 3d sing. अषादि; जन् 4th c., ‘to be born,’ makes अजनि; and बुध् 4th c., ‘to know,’ makes अवोधि. Compare 253. *a.*

* Except जागृ, ऊर्णु, and श्रि, which follow 427, and are guṇated, instead of taking Vṛiddhi: thus, अजागरिषं, और्णुविषं, अश्रिविषं.

FORM II.

435. Resembling the first preterite.

1. <i>am</i>	<i>áva</i> or <i>va</i>	<i>áva</i> or <i>ma</i>		<i>e</i> or <i>i</i>	<i>ávahi</i>	<i>ámahi</i>
2. <i>as</i> or <i>s</i>	<i>atam</i> or <i>tam</i>	<i>ata</i> or <i>ta</i>		<i>athás</i>	<i>ethám</i> or <i>áthám</i>	<i>adhwan</i>
3. <i>at</i> or <i>t</i>	<i>atám</i> or <i>tám</i>	<i>an</i> or <i>us</i>		<i>ata</i>	<i>etám</i> or <i>átám</i>	<i>anta</i>

Note, that this form corresponds to the Greek 2d aorist (compare *asthám*, *asthás*, *asthát*, with *ἔστην*, *ἔστης*, *ἔστη*), and that the first form is more or less analogous to the 1st aorist. The substitution of *i* for *e*, and *áthám*, *átám*, for *ethám*, *etám*, in the Átmane of form II, is confined to a class of roots mentioned at 439.

436. Rule for the formation of the base in verbs of the first nine classes. In general the terminations are attached directly to the root: thus, *गम्* 1st c., 'to go,' makes *अगमं* *ajamam*, &c., see 602; *भिद्* 7th c., 'to break,' *अभिदं*; *नश्* 4th c., 'to perish,' *अनशं* (or *अनेशं*, see 441). But *दृश्* 1st c., 'to see,' is *guṇated*, and makes *adarśam*, see 604. Observe—Sometimes roots which follow this form in the Parasmai, follow form I. (418) in the Átmane.

437. No confusion can arise from this apparent identity with the 1st preterite, as in all cases where these terminations are used for the 3d preterite, the 1st preterite presents some difference in the form of its base; as in *agachcham* (270), *abhinadam* (343). So again, the sixth conjugation, which alone can ever show a perfect identity of root and base, never makes use of this form for its 3d preterite, unless by some special rule the base of its 1st preterite is made to differ from the root: thus, *lip*, 'to smear' (cf. *ἀλείφω*), which is *alipam* in the 3d preterite, is *alimpam* in the first (281). So in Greek, compare the imperfect *ἔλειπον* with the 2d aor. *ἔλιπον*; and similarly, *ἐλάμβανον* with *ἔλαβον*; *ἐδάμνην* with *ἔδαμον*, &c.

a. One or two roots in *आ á* and *इ i* reject their finals; and one or two in *चू ri* and *चू ri* change these vowels to *ar* before the above terminations: thus, *स्या* 2d c., 'to tell,' makes *अस्यं*; *श्वि* 1st c., 'to swell,' makes *अश्वं*; *सृ* 1st c., 'to go,' makes *असरं*; *जू* 4th c., 'to grow old,' *अजरं*.

438. Certain roots ending in long vowels reject the initial vowel from the terminations of the Parasmai, as indicated in the table at 435: thus, *दा* 3d c., 'to give,' makes *adám*, *adás*, *adát*, *adáva*, &c.; 3d pl. *adus*, see 663. So also, *धा* 3d c., 'to place,' makes *adhám*, &c., 664; and *स्था* 1st c., 'to stand,' makes *asthám*, &c., 587. Similarly, *भू* 1st c., 'to be,' excepting in 1st sing. and 3d pl. (*अभूवं*, *अभूस्*, *अभूत्*, *अभूव*, &c.; 3d pl. *अभूवन्*), see 585.

a. Observe, however, that some roots in *á*, like *yá*, 2d c., 'to go,' follow 434.

b. Some roots in ए *e* and ओ *o*, which follow 434, optionally follow 438; in which case *e* and *o* are changed as before to *á*: thus, धे *dhe*, 1st c., ‘to drink,’ makes either *adhásisham* &c., or *adhám* &c.; सो *so*, 4th c., ‘to come to an end,’ makes either *asásisham* or *asám*, see 613: धे also makes अदधं, see 440. *a.*

c. But हे 1st c., ‘to call,’ drops the final *e*, and retains the initial vowel of the terminations: thus, *ahwam*, *ahwas*, *ahwat*, &c. See 595.

d. In the Átmane-pada, roots like दा, धा, स्या, &c., at 438, follow form I. at 418; but drop the final *á*, and assume *i* in its place: thus, *adishi*, *adithás*, *adita*, *adishwahi*, &c.; 2d pl. अदिद्दं. See 663.

e. इ 2d c., ‘to go,’ makes its 3d preterite from a root गा: thus, *agám*, *agás*, &c.

f. The classical scholar will observe, that *adadám*, the 1st preterite of the root दा, ‘to give,’ bears the same relation to its 3d preterite *adám* that ἐδιδων does to ἐδων. So also the relation of *adhám* (3d pret. of धा, ‘to place’) to *adadhám* (1st pret.) corresponds to that of ἔθην to ἐτίθην. Compare also *abhavas* and *abhús* with ἔφνες and ἔφνυς.

439. Certain roots ending in श *s*, ष *sh*, ह *h*, enclosing a medial *i*, *u*, or *ri*, form their 3d preterites according to form II. at 435; but whenever confusion is likely to arise between the 1st and 3d preterites, *s* is prefixed to the terminations, before which sibilant the final of the root becomes *k* by 302 and 306.

a. Thus, दिश् 6th c., ‘to point out,’ the 1st pret. of which is *adisam*, makes *adiksham* &c. in 3d pret. (compare the Greek 1st aorist εἰδείξα). Similarly, द्विष् 2d c., ‘to hate,’ makes *adwiksham* &c. 657; दुह् 2d c., ‘to milk,’ makes *adhuksham* &c. by 306. *a.* See 660.

b. This class of roots substitutes *i* for *e*, and *áthám*, *átám*, for *ethám*, *etám*, in the Átmane terminations: thus, *adikshi*, *adikshathás*, *adikshata*, *adikshávahi*, *adiksháthám*, &c.

c. A few roots of this kind optionally follow 418 in the Átmane: thus, लिह् 2d c. may make अलिदिषि, अलीढाम्, अलीढ, &c., 661; and दुह् 2d c., ‘to milk,’ may make अधुदिषि, अदुग्धाम्, &c. See 660.

440. Causal verbs make use of form II, but the base assumes a peculiar reduplication (analogous to the Greek pluperfect), to be explained at 492: thus, from बुध् 1st c., ‘to know,’ comes अवबुधं, &c.

a. A few primitive verbs take a reduplicated 3d preterite, analogous to causals: thus, अत्रि 1st c., ‘to have recourse,’ makes अत्रिश्रियं, &c.; अत्रि 1st c., ‘to swell,’ makes either अत्रं or अत्रयिषं or अत्रिश्रियं; द्रु 1st c., ‘to run,’ अद्रुद्रुवं; सु 1st c., ‘to flow,’ असुसुवं; धे 1st c., ‘to drink,’ अदधं; कम् 1st c., ‘to love,’ अचकमे, &c. This last is defective when it belongs to the 1st c., having no conjugational tenses; but when it belongs to the 10th c. (Pres. कामये, &c.) its 3d preterite is अचीकमे.

441. The following primitive verbs take a contracted form of reduplicated 3d preterite: वच् 2d c., ‘to speak,’ makes अवोचं *avocham*

(from अवउचं for अववचं 650); पत् 1st c., 'to fall,' अपत्त्रं (from अपपत्तं; compare Greek $\epsilon\pi\iota\pi\tau\tau\omicron\nu$); शास् 2d c., 'to rule,' अशिषं (from अशिषसं. The \acute{A} tmane follows 427; see 658); अस् 4th c., 'to throw,' आस्यं (from आससं, contracted into आत्सं for आत्सं 304. a, whence by transposition आस्यं); नश् 4th c., 'to perish,' अनेशं (from अनइषं for अननिशं 620, 436).

Benedictive or precative.

442. Observe, that the terminations of this tense resemble those of the potential in the memorial scheme at p. 105. In the 2d and 3d singular they are identical. In the other persons of the Parasmai a sibilant is inserted, and in some of the \acute{A} tmane both prefixed and inserted. The only difference between the potential and benedictive of verbs of the 2d and 3d groups, at 290, will often be that the potential will have the conjugational characteristic: thus, *bhid*, 7th c., 'to break,' will be *bhidyát* in the potential, and *bhidyát* in the benedictive. Compare the optative of the Greek aorist $\delta\acute{o}\iota\eta\nu$ with the optative of the present $\delta\iota\delta\acute{o}\iota\eta\nu$.

443. Rule for the formation of the base in verbs of the first nine classes. In the Parasmai, as a general rule, leave the root unchanged before the terminations, and never insert *i*; but in the \acute{A} tmane prefix *i* to the terminations in those roots ending in consonants or vowels which take the inserted *i* in the futures (388. a, 414), and before this *i* gunáte the radical vowel. It is also gunáted in the \acute{A} tmane in some roots ending in vowels which reject *i*: but if a root end in a *consonant*, and reject *i*, the radical vowel is left unchanged in the \acute{A} tmane, as well as Parasmai.

444. Thus, from भू 1st c., 'to be,' come the base of the Parasmai *bhú*, and the base of the \acute{A} tmane *bhavi*, by 36. b (*bhú* + *yásam* = भूयासं &c., *bhavi* + *síya* = भविषीय by 70).

445. Frequently, however, before the *y* of the Parasmai terminations, the root is liable to changes analogous to those which take place before the *y* of the 4th conjugation at 272, and the *y* of passive verbs at 465; and not unfrequently it undergoes changes similar to those of the 2d preterite at 373. &c., as follows:—

446. A final आ *á* is changed to ए *e* in the Parasmai, but remains unchanged in the \acute{A} tmane: thus, दा 3d c., 'to give,' makes देयासं &c. for Parasmai; दासीय &c. for \acute{A} tmane-pada.

447. Final इ *i* and उ *u* are lengthened in Parasmai, and gunáted in \acute{A} tmane: thus, चि 5th c., 'to gather,' makes चीयासं &c., चेपीय &c.; and हु 3d c., 'to sacrifice,' makes हूयासं &c., होपीय &c.

448. Final च्च *ri* is changed to रि *ri* in Parasmai, but retained in \acute{A} tmane: thus, कृ 8th c., 'to do,' makes क्रियासं &c., and कृपीय &c. After a double consonant *ri* is gunáted in Parasmai, as well as before inserted *i*: thus, स्तृ 5th and 9th c., 'to spread,' makes स्तृयासं &c., स्तृपीय &c., or स्तरिपीय &c.

a. वृ, 'to cover,' 'to choose,' makes either त्रियासं or वृयासं, वृषीय or वरिषीय or वृषीय.

449. Final च्चृ *ri* is changed to ईर *ir* in both voices, but is gunated before inserted *i* in *Ātmane*: thus, तृ 1st c., 'to cross,' makes तीयासं &c., तीषीय &c., or तरिषीय &c., or तरीषीय &c.

a. One root, पू 10th c., 'to fill,' makes पूयासं &c. Compare 448. a.

450. Of roots in ए *e*, धे 1st c., 'to drink,' makes धेयासं &c.; but ह्ये 1st c., 'to call,' makes ह्यासं &c., and ह्यासीय &c.; ये 1st c., 'to cover,' makes वीयासं &c., and व्यासीय &c.; and वे 1st c., 'to weave,' makes ज्यासं &c., and वासीय &c.

451. Final ऐ *ai* and ओ *o* are treated like final *á* at 446: thus, गै 1st c., 'to sing,' makes गेयासं &c.; त्रै 1st c., 'to preserve,' makes त्रासीय &c.

452. If a root end in a consonant, there is no change in *Parasmai*; and there are no changes in *Ātmane*, excepting those of *Sandhi*, unless the root take *i*, when the radical vowel is gunated: thus, दुह् 2d c., 'to milk,' makes दुह्यासं &c., and धुक्षीय &c., by 306. a; द्विप् 2d c., 'to hate,' makes द्विष्यासं &c., and द्विक्षीय &c., by 302; and बुध् 1st c., 'to know,' makes बुध्यासं &c., and बोधिषीय &c.

a. Roots of the 10th class, however, retain *Guṇa* in the *Parasmai*, as well as in the *Ātmane*, rejecting the conjugational *aya* in the *Parasmai* only; see under *Causals* (460).

b. And if a root end in a double consonant, of which the first member is a nasal, the latter is generally rejected: thus, भ्रांज्, 7th c., makes भ्राज्यासं, &c.

453. ग्रह् 9th c., 'to take,' makes in *Parasmai* गृह्यासं &c.; प्रच्छ् 6th c., 'to ask,' makes पृच्छ्यासं &c. Similarly, भज्ज् 6th c., 'to fry,' and व्रश्च् 6th c., 'to cut.' In the *Ātmane* they are regular.

454. वच् 2d c. 'to speak,' वद् 1st c. 'to say,' वप् 1st c. 'to sow,' वश् 2d c. 'to wish,' वह् 1st c. 'to carry,' and स्वप् 2d c. 'to sleep,' substitute उ *u* for व *v* in the *Parasmai*: thus, उच्यासं &c., सुष्यासं &c. In the *Ātmane* they are regular; as, वक्षीय from वह्.

Conditional.

455. Note, that this tense bears the same relation to the 2d future that the 1st preterite does to the present. In its formation it lies half-way between a first preterite and a second future. It resembles the first preterite in prefixing the augment अ *a* to the base (see 260), and in the latter part of its terminations: it resembles the second future in gunating the radical vowel, in inserting इ *i* in exactly those roots in which the future inserts *i*, and in the *sy* of its terminations. See the scheme at 246, p. 105.

456. Rule for the formation of the base in verbs of the first nine classes. Prefix the augment अ *a*, gunate the radical vowel, except when debarred by 28. b, and insert *i* before the terminations if the futures insert *i*. When *i* is rejected, as in all the roots at 400 &c., the rules of *Sandhi* must be observed.

457. Thus, बुध् 1st c., 'to know,' makes अबोधिष्यं &c.; दुह् 2d c.,

‘to milk,’ makes अधोक्ष्यं &c., by 306. *a*; द्विष् 2d c., ‘to hate,’ makes अद्वेष्यं &c., by 302.

Infinitive.

458. The termination of the infinitive is तुं *tum*, like the *um* of the Latin *supine*.

459. Rule for the formation of the base in verbs of the ten classes. The base of the infinitive is identical with the base of the first future, and where one inserts इ *i*, the other does also: thus, *budh*, 1st c., ‘to know,’ makes बोधितुं *bodhitum*; *kship*, 6th c., ‘to throw,’ makes क्षेप्तुं *ksheptum*. Moreover, all the rules for the change of the final consonant of a root before the *t* of the future terminations apply equally before the *t* of the infinitive. Hence, by substituting *um* for the final *á* of the 3d pers. sing. of the 1st future, the infinitive is at once obtained: thus, *śaktá*, *śaktum*; *tyaktá*, *tyaktum*; प्रष्टा, प्रष्टुं; सोढा, सोढुं, &c. See 400, &c.

a. The following examples will show how remarkably the Sanskrit infinitive answers to the Latin *supine*. S. स्थातुं ‘to stand,’ L. *statum*; S. दातुं ‘to give,’ L. *datum*; S. पातुं ‘to drink,’ L. *potum*; S. एतुं ‘to go,’ L. *itum*; S. स्तुतुं ‘to strew,’ L. *stratum*; S. अंक्तुं ‘to anoint,’ L. *unctum*; S. जनितुं ‘to beget,’ L. *genitum*; S. स्वनितुं ‘to sound,’ L. *sonitum*; S. सर्षुं ‘to go,’ L. *serptum*; S. वमितुं ‘to vomit,’ L. *vomitum*. Prof. Bopp considers that the infinitive affix *tum* is the accusative of an affix *tu*, of which the affix *twá* of the indeclinable participle (see 555. *a*) is the instrumental case.

DERIVATIVE VERBS.

460. Having explained the formation of the verbal base in the ten classes of primitive verbs, we come next to the four kinds of derivative verbs, viz. passives, causals, desideratives, and frequentatives.

PASSIVE VERBS.

461. Every root in every one of the ten classes may take a passive form*, which is conjugated as an *Átmane-pada* verb of the 4th class.

a. It is a form, however, not very commonly used, except in the 3d singular and plural of the present and imperative; for although a passive construction is exceedingly common in Sanskrit syntax, yet almost all the tenses of the passive verb are expressed by participles.

462. Observe—Passive verbs take the regular *Átmane-pada* terminations* at 247, making use of the substitutions required in the

* See 253, and 253. *a. b*. There are occasional instances in the Mahábhárata of passive verbs conjugated in the *Parasmai*.

4th class. In the 3d preterite they take either of the forms at 418 and 427, according as the root may admit the inserted इ *i* or not; but they require that in the 3d singular of both forms the termination be इ *i* in place of *sta* and *ishṭa*.

Conjugational tenses.

463. Rule for the formation of the base in the four conjugational tenses, *Ātmane-pada*, of roots of the first nine classes. The rule is the same as in the 4th class at 272, viz. affix य *ya**—lengthened to या *yá* before initial *m* or *v*—to the root, the vowel of which is not gunated, and generally remains unchanged.

464. Thus, from भू 1st c., ‘to be,’ comes the base भूय *bhúya* (Pres. *bhúya + i = भूये*, *bhúya + se = भूयसे*, &c.; Pot. *bhúya + íya = भूयेय*, &c.; Imp. *bhúya + ai = भूये*, &c.; 1st Pret. *abhúya + i = अभूये*, &c.); from तुद् 6th c., ‘to strike,’ comes *tudya* (Pres. *tudya + i = तुद्ये*, &c.).

465. A final vowel, however, often undergoes changes, some of which are different from, and some analogous to, those of the 4th class, as follows:—

Six roots in आ *á*, and one or two in ए *e*, ऐ *ai*, and औ *o*, change their final vowels to इ *i*: thus, दा 3d c., ‘to give,’ makes Pres. दीये, दीयसे, दीयते, &c. So also, धा, स्था, मा, पा, 1st c. ‘to drink;’ हा 3d c. ‘to quit;’ धे 1st c. ‘to drink’ (3d sing. धीयते, &c.); गै 1st c. ‘to sing’ (गीयते); सो 4th c. ‘to be destroyed’ (सीयते).

a. But other roots in *á* remain unchanged; and most others in *ai* and *o* are changed to *á*: thus, स्था 2d c., ‘to tell,’ makes 3d sing. स्थायते; and ज्ञा 9th c., ‘to know,’ ज्ञायते; पा 2d c., ‘to protect,’ पायते; ध्यै 1st c., ‘to meditate,’ ध्यायते; शो 4th c., ‘to sharpen,’ शायते. But दरिद्रा 2d c. makes दरिद्र्यते.

b. ह्ये 1st c. ‘to call,’ व्ये 1st c. ‘to cover,’ वे 1st c. ‘to weave,’ make their bases हुया, वीया, and úya (3d sing. हूयते).

466. Final इ *i* or उ *u* are lengthened, as also *i* or *u* before *v* or *r*: thus, from जि 1st c., हु 3d c., दिव् 4th c., come the three bases जीय, हूय, दीव्य.

a. But श्वि 1st c., ‘to swell,’ makes श्वूयते; and शी 2d c., ‘to sleep,’ श्ययते.

467. Final च्च *ri* becomes रि *ri*, but if preceded by a double consonant is gunated: thus, कृ 8th c., ‘to do,’ makes क्रियते; but स्मृ 1st c., स्मर्यते. The roots च्च and जागृ are also gunated.

468. Final च्च *ri* becomes ईर् *ir*: thus, कृ 6th c., ‘to scatter,’ makes कीर्यते; but पू, ‘to fill,’ पूर्यते.

469. Roots ending in two consonants, of which the first is a nasal, usually reject the nasal; as, from वन्च्, स्तम्भ्, सञ्च्, come the bases *badhya*, &c. (बध्यते, &c.).

* Bopp considers that this *ya* is derived from *yá*, ‘to go,’ just as the causal *aya* is derived from *i*, ‘to go.’ It is certain that in Bengálí and Hindí the passive is formed with the root *yá*. Compare the Latin *amatum iri*, &c. See 481.

470. जन् 4th c., खन् 1st c., तन् 8th c., may optionally reject the final nasal and lengthen the preceding *a*: thus, जायते or जयते, &c.

471. वच् 2d c., वह् 1st c., वप् 1st c., वस् 1st c., वश् 2d c. 'to wish,' वह् 1st c., स्वप् 2d c., यञ् 1st c., make their bases उच्ये, उद्ये, उष्ये, उष्ये, उश्ये, उष्ये, मुष्ये, इन्त्ये (उच्यते, &c.).

472. ग्रह्, प्रच्छ्, भज्, व्यच्, व्यध्, द्रश्, शस्, make their bases गृह्ये, पृच्छ्ये, भृज्ये, विच्ये, विध्ये, वृष्ये, शिष्ये, respectively (गृह्यते, &c.).

Non-conjugational tenses.—Second preterite of passives.

473. The base of this tense in the passive verb is identical with that of all primitive verbs, in all ten conjugations. The bases, therefore, as formed at 364, will serve equally well for the 2d preterite of the passive, provided only that they be restricted to the *Ātmane-pada* inflection.

a. According to some grammarians, however, the root भू may make बुभूवे *bubhūve*, as well as बभूवे *babhūve*, in the passive 2d preterite.

First and second future of passives.

474. In these and the remaining tenses no variation can occur from the bases of the same tenses in the primitive, unless the root end in a vowel. In that case the insertion of इ *i* may take place in the passive, although prohibited in the primitive, provided the final vowel of the root be first vṛiddhi: thus, from चि *chi*, 5th c., 'to gather,' may come the base of the 1st and 2d fut. pass. चायि (*cháyitáhe* &c., *cháyishye* &c.), although the base of the same tenses in the primitive is *che* (*chetáhe* &c., *cheshye* &c.). Similarly, from हु *hu* and कृ *kṛi* may come हायि and कारि (*hávitáhe*, *káritáhe*), although the bases in the primitive are *ho* and *kar*.

a. In like manner इ *i* may be inserted when the root ends in long आ *á*, or in ए *e* changeable to *á*, provided that, instead of Vṛiddhi (which is impossible), *y* be interposed between the final *á* and inserted *i*: thus, from दा, 'to give,' may come the base of the fut. pass. दायि (*dáyitáhe* &c.), although the base of the same tenses in the primitive is *dá* (*dátáhe* &c.); from ह्वे, 'to call,' may come ह्वायि (*hṵáyitáhe* &c.), although the base in the primitive is *hwá*. But in all these cases it is permitted to take the base of the primitive for that of the passive, and *chetáhe* or *cháyitáhe* may equally stand for the 1st fut. pass.*

b. In the case of roots ending in consonants, the base of the two futures in the passive will be identical with that of the same tenses in the primitive verb †, the inflection being that of the *Ātmane*.

c. In verbs of the 10th conjugation deviation from the *Ātmane* form of the primitive may take place in these and the succeeding tenses. See 496.

* This explanation of the passive rests on the authority of Pāṇini (VI. 4. 62), and the Siddhánta Kaumudí.

† The root दृश् 1st c., 'to see,' however, in the passive, may be दर्शिताहे, दर्शिष्ये, as well as द्रष्टाहे, द्रक्ष्ये; and हन् may be घानिताहे, घानिष्ये, as well as हन्ताहे, हनिष्ये; and ग्रह् may be ग्राहिताहे, ग्राहिष्ये, as well as ग्रहीताहे, ग्रहीष्ये.

Third preterite of passives.

475. In this tense, also, variation from the primitive may occur when the root ends in a vowel. For in that case the insertion of $\text{इ}i$ may take place, although forbidden in the primitive verb, provided the final of the root be वृद्धि : thus, from $\text{चि}chi$ may come the base of the 3d pret. pass. $acháyí$ ($acháyishi$ &c., 427), although the base in the Átmane of the primitive is $ache$ ($acheshi$ &c., 418). So also, from $\text{हु}hu$ and $\text{कृ}kṛi$ may come $ahávi$ and $akári$ ($ahávishi$, $akárisi$, 427), although the bases in the Átmane of the primitive are aho and $akṛi$ ($ahoshi$, $akṛishi$, 418). Again, i may be inserted when the root ends in long $\text{अ}á$, provided that y be interposed between final $á$ and inserted i : thus, from $dá$, 'to give,' may come $adáyí$ ($adáyishi$ &c.), although the base in the Átmane of the primitive is adi ($adishi$ &c.). But in all these cases it is permitted to take the base of the primitive for that of the passive (so that the passive of chi may be either $acháyishi$ or $acheshi$), except in the 3d pers. sing., where the terminations $ishṭa$ and sta being rejected, the base, as formed by वृद्धि and the inserted i , must stand alone: thus, $acháyí$, 'it was gathered;' $ahávi$, 'it was sacrificed;' $akári$, 'it was done;' $adáyí$, 'it was given.' Sometimes, however, the regular form of the 3d sing. Átmane is admissible, as well as the mutilated form.

a. If the root end in a consonant, the base of the 3d pret. pass. will always be identical with that of the 3d pret. Átmane of the primitive, except in the 3d pers. sing., where $\text{इ}i$ being substituted for the terminations $ishṭa$ and sta of the 1st form, requires before it the lengthening of a medial a , and the $\text{गुण}a$ of any other short medial vowel*. Hence, in tan , 8th c., 'to stretch,' the form of the 1st, 2d, and 3d sing. 3d pret. will be $atanishi$, $atanishṭhás$, $atáni$; from $kship$, 6th c., 'to throw,' $akshipsi$, $akshipthás$, $akshepi$; from vid , 2d c., 'to know,' $avedishi$, $avedishṭhás$, $avedi$. Observe—This 3d sing. of the 3d pret. passive is not unfrequently found, even in the simplest writings.

Benedictive and conditional of passives.

476. In these tenses the same variation is permitted in the case of roots ending in vowels as in the last; that is, the insertion of $\text{इ}i$ is allowed, provided that, before it, वृद्धि take place in a final vowel capable of such a change, and y be interposed after final $á$: thus, from chi may come the bases $cháyí$ and $acháyí$ ($cháyishíya$, $acháyishye$); from hu , $hávi$ and $ahávi$; from $kṛi$, $kári$ and $akári$; from $dá$, $dáyí$ and $adáyí$. But $cheshíya$, $acheshye$, $hoshíya$, $ahoshye$, &c., the forms belonging to the Átmane of the primitive verb, are equally admissible in the passive.

* A medial vowel, long by nature or position, remains unchanged (by 28. b), and in one or two cases a short; as, $ásami$ for $asámi$. The above explanation of the 3d preterite rests on the authority of Páṇini, the Siddhánta Kaumudí, and the Bhatti Kávyá (15. 64, 65).

Passive infinitive mood.

477. There is no passive infinitive mood in Sanskrit distinct in form from the active. But although the affix *tum* has generally an active, it is capable of a passive sense, when joined with certain verbs, especially with शक् *sak*, 4th c., 'to be able.' It is also used passively, in connection with the participles *árabdha*, *nirúpita*, *yukta*, &c. See Syntax.

Passive verbs from roots of the 10th class.

478. In forming a passive verb from roots of the 10th class, although the conjugational अय is rejected in the first four tenses, yet the other conjugational changes of the root are retained before the affix *ya*: thus, from चूर् 10th c., 'to steal,' comes the base *chorya* (चोर्यते). In the 2d pret. अय is retained (see 473), and in the other non-conjugational tenses the base may deviate from the *Átmané* form of the primitive by the optional rejection or assumption of अय, especially in the 3d preterite. See Causal Passives at 496.

CAUSAL VERBS.

479. Every root in every one of the ten classes may take a causal form, which is conjugated as a verb of the 10th class; and which is not only employed to give a causal sense to a primitive verb, but also an active sense to a neuter verb; see 289, 254: thus the primitive verb *bodhati*, 'he knows' (from the root *budh*, 1st c.), becomes in the causal बोधयति *bodhayati*, 'he causes to know,' 'he informs;' and the neuter verb *kshubhyati*, 'he is shaken' (from *kshubh*, 4th c.), becomes क्षोभयति 'he shakes.'

a. This form may rarely imply 'allowing,' 'permitting:' thus, *hárayati*, 'he allows to take;' *násayati*, 'he suffers to perish.'

480. As to the terminations of causal verbs, they are the same as those of the scheme at 247, p. 106; and the same substitutions are required in the first four tenses as in the 1st, 4th, 6th, and 10th classes.

Conjugational tenses.

481. Rule for the formation of the base in the four conjugational tenses of roots of the ten classes. If a root end in a vowel, वृद्धि that vowel; if in a consonant, गुणते the radical vowel before *all* the terminations, and affix अय *aya* * (changeable to *ayá* before initial *m* or *v*) to the root so वृद्धि or गुणते.

* Derived from the root इ i, 'to go,' just as the passive *ya* is derived from *yá*. See 463.

482. Thus, from नी 1st c., 'to lead,' comes the base नायय by 37 (Pres. *náyayá* + *mi* = नाययामि, *náyaya* + *si* = नाययसि &c.; Pot. *náyaya* + *iyam* = नाययेयं &c.; Imp. *náyaya* + *áni* = नाययानि &c.; 1st Pret. *anáyaya* + *m* = अनाययं &c. Átm. Pres. *náyaya* + *i* = नायये &c.). Similarly, from भू *bhú*, 1st c., 'to be,' comes the base भावय *bhávaya*; and from कृ 8th c., 'to do,' the base कारय *káraya*. But from बुध् 1st and 4th c., 'to know,' comes the gunated बोधय *bodhaya*; and from मृप् 1st c., 'to creep,' the gunated सर्पय *sarpaya*.

483. Roots ending in आ *á*, or in ए *e*, ऐ *ai*, औ *o*, changeable to आ *á*, cannot be vridhdied, but generally insert प् *p* between the root and the affix *aya*: thus, दा 1st c., 'to give,' makes दापयामि *dápayámi*, &c.; धे 1st c., 'to drink,' धापयामि *dhápayámi*, &c.; गै 1st c., 'to sing,' गापयामि *gápayámi*, &c.

a. All other roots in *á* insert *p*, excepting पा 1st c., 'to drink,' which inserts य् *y*, making पाययामि &c.; and पा 2d c., 'to preserve,' which inserts ल् *l*, making पालयामि &c.

b. All other roots in *ai* insert *p*, but most other roots in *e* and *o* insert *y*: thus, ह्वे 1st c., 'to call,' makes ह्वाययामि &c.; and शो 4th c., 'to sharpen,' makes शाययामि &c.

484. ज्ञा 9th c. 'to know,' द्या 2d c. 'to cook,' स्ना 2d c. 'to bathe,' and ग्लै 1st c. 'to languish,' may optionally shorten the *á*, the last two only when not joined with prepositions: thus, ज्ञापयामि &c., or ज्ञपयामि &c.; ग्लापयामि &c., or ग्लपयामि &c.

485. Some roots in *i*, *í*, *ri*, also insert *p*, after changing the final vowel to *á*: thus, जि 1st c., 'to conquer,' makes जापयामि &c.; स्मि 1st c., 'to smile,' makes स्माययामि &c., and स्नापये &c.; चि 5th c., 'to collect,' has four forms; 1. चापयामि &c., 2. चपयामि &c., 3. चाययामि &c., 4. चययामि &c.; भी 3d c., 'to fear,' has three forms; 1. भाययामि &c., 2. भापये &c., Átm. only, 3. भीपये &c.; इ 2d c., 'to go,' makes आपयामि &c., especially with the preposition अधि 'over,' अध्यापयामि 'I cause to go over,' 'I teach.'

a. Three roots insert *n*; ली 4th c., 'to embrace,' 'to adhere,' making (with prep. वि) -लीनयामि &c., as well as -लापयामि, -लाययामि, and -लालयामि &c.; प्री 9th c., 'to please,' making प्रीणयामि; and धू 5th and 9th c., 'to shake,' धूनयामि.

486. ह्री 3d c. 'to be ashamed' and चृ 1st c. 'to go' insert *p* after gunation: thus, ह्रेपयामि &c., अर्पयामि &c.

487. Roots ending in consonants, enclosing a medial अ *a*, generally, but not always, lengthen the *a*: thus, पच् 1st c., 'to cook,' makes पाचयामि &c.

a. Note, that few roots in *m* lengthen the *a*: thus, गम् 1st c., 'to go,' makes गमयामि &c. Some, however, optionally do so.

488. Anomalies.—रूह् 1st c., 'to grow,' changes *h* to *p*, making रोपयामि &c.; दुष् 4th c., 'to be corrupt,' makes दूषयामि &c., 'I corrupt'; हन् 2d c., 'to kill,' यातयामि &c.; शद् 1st and 6th c., 'to perish,' शातयामि &c.; स्फुर् 6th c., 'to quiver,' स्फारयामि &c.; स्फाय् 1st c., 'to increase,' स्फाचयामि &c.

Non-conjugational tenses.

489. The changes of the root required to form the base of the conjugational tenses are continued in the non-conjugational. Moreover, *aya* is retained in all these tenses, excepting in the 3d preterite and benedictive, Parasmai; but the last *a* of *aya* is dropped before the inserted इ *i*, which is invariably assumed.

Second preterite of causals.

490. This tense is formed by adding आँ *ám* to the base of the conjugational tenses, and affixing the 2d preterite of one of the three auxiliary verbs, अस् 'to be,' भू 'to be,' or कृ 'to do:;' thus, बुध् 1st c., 'to know,' makes बोधयामास or बोधयाम्बभूव* or बोधयाञ्चकार. See 385.

First and second future of causals.

491. In these tenses the inserted इ *i* is invariably assumed between the base, as formed in the conjugational tenses, and the usual terminations: thus, *budh* makes *bodhayitásmi* &c., *bodhayishyámi* &c.

Third preterite of causals (Greek pluperfect).

492. The terminations are those of form II⁴³⁵; see 441. In the formation of the base of this tense, the affix *ay* is rejected; but any other change that may take place in the conjugational tenses, such as the insertion of *p* or *y*, is preserved. The base is a reduplicated form of this change, and to this reduplication the augment अ *a* is prefixed: thus, taking the bases *bodhay* and *jápay* (causal bases of *budh*, 'to know,' and *ji*, 'to conquer'), and rejecting *ay*, we have *bodh* and *jáp*; and from these are formed the bases of the 3d pret. *abúbudh* and *ajjap* (अबूबुधं *abúbudham* &c., अबूबुधे *abúbudhe* &c., अजीजपं *ajjapam* &c., अजीजपे *ajjape* &c., cf. the Greek pluperfect).

493. The rule for this reduplication is as follows:—The initial consonant of the root, with its vowel, is reduplicated, and the reduplicated consonant follows the rules given at 331; but the reduplication of the vowel is peculiar.

Rules for the reduplication of the vowel of the initial consonant.

a. Causal bases, after rejecting *ay*, will end either in *áy*, *áv*, *ár*, or a consonant preceded by *a*, *á*, *e*, *o*, or *ar*. The usual reduplicated vowel for all these vowels, except *o*, is *i*. But *u* is reduplicated for *o*, and sometimes also for *áv*. The rule is, that either the reduplicated syllable or the base syllable must be long either by

* It may, however, be questioned whether भू is often found added to causals.

nature or position; and in general the reduplicated vowel is made long, and, to compensate for this, the long vowel of the causal base shortened, or, if it be *Guṇa*, changed to its cognate short vowel: thus, the causal base *náy* (from *ní*, rejecting *ay*) makes the base of the 3d pret. *anínay* (अनीनयं *anínayam* &c.); the causal base *bháv* (from *bhú*) makes *abibhav* (अबीभवं &c.); the causal base *kár* (from *kṛi*), *achíkar*; *gam* (from *gam*), *ajígam*; *pách* (from *pach*), *apípach*; *pál* (from *pá*), *apípal*; *ved* (from *vid*), *avívid*; *vart* (from *vṛit*), *avívrit*. But *bodh* (from *budh*), *abúbudh*; and *sáv* (from *su*), *asúshav*. Sometimes the reduplicated vowel is only long by position before two consonants, the radical vowel being still made short; as, *śráv* (from *śru*) makes *ásuśrav*; *dráv* from (*dru*), *adudrav*; *bhráj*, *abibhraj*. Sometimes the reduplicated vowel remains short, whilst the vowel of the causal base, which must be long either by nature or position, remains unchanged: thus, the causal base *jív* (from *jív*) may make *ajjív*; *chint*, *achichint*; *kalp*, *achikalp*. In such cases *a* may be reduplicated for *a* or *á*; as, *laksh* makes *alalaksh*; *yách*, *ayayách*; *vart* (from *vṛit*), *avarart*, &c.

b. The following are anomalous: from *páy* (*pá*, 'to drink'), अपीयं &c.*; from *stháp* (*sthá*, 'to stand'), अतिष्ठिपं &c.; from *ghrúp* (*ghrá*, 'to smell'), अज्जिग्रिपं &c., and अज्जिग्रपं &c.; from *adhyáp* (*i*, 'to go,' with *adhi*), अध्यजीगपं &c.

Reduplication of an initial vowel in causal third preterites.

494. Roots beginning with vowels, and ending with single consonants, form their causal third preterites by a peculiar reduplication of the root (after rejecting अय). The rule is that not only the initial vowel, as in the 2d pret. at 364. *a*, but the final consonant also be reduplicated. In fact, the whole root is doubled, as it would be if it began with a consonant, and ended with a vowel; but the consonant is reduplicated according to the rules at 331, and the reduplicated vowel is always *i*. This *i*, however, takes the place of the radical vowel, instead of beginning the reduplicated syllable; and the vowel of the root then becomes the initial of the reduplicated syllable, combining with the augment अ *a*, according to 260. *a*: thus, चृष् 5th c., 'to prosper,' which ought to be reduplicated into इदृष् by 331. *a*, becomes, by transposition of the vowels, चृदिष्; and with अ prefixed, आदिष् by 260. *a* (आदिष् 'I caused to prosper,' &c.). Similarly, ऊह 1st c., 'to infer,' which ought to be इजूह *ijúh*, becomes अजिह् *újih*; and with अ prefixed, औजिह् (औजिहं 'I caused to infer'). So also, आप् 5th c., 'to obtain,' makes आपिपं 'I caused to obtain;' ईह 2d c., 'to praise,' makes ऐडिहं 'I caused to praise.' Compare the Greek 2d aorist ἡγαγον from ἄγω, and ὠρορον from ὄρω.

a. If a root end in a compound consonant, the first member of the compound is rejected from the final, but not from the reduplicated letter: thus, अह् 1st c., 'to be worthy,' makes अजिहं 'I caused to be worthy,' 'I honoured;' उन्द् 7th c., 'to moisten,' makes औन्दिहं 'I caused to moisten.'

b. Note, that ष *ksh* is treated as a single consonant, and च *ch* is reduplicated for it by 331. *c*: thus, ईष् 1st c., 'to see,' makes ऐचिष् *aichiksham*, 'I caused to see.'

* Páṇini VII. 4. 4.

c. Roots consisting of a single vowel, form their causal 3d preterite from the causal base (after rejecting *aya*): thus, the root च्चु, 'to go,' makes its causal base अर्प, 'to deliver over;' and its causal 3d pret. अर्पिषं 'I caused to deliver.'

d. ऊर्णु 2d c., 'to cover,' makes और्णुनुवं.

Benedictive and conditional of causals.

495. The base of the benedictive, *Ātmane*, and of the conditional in both voices, does not differ from that of the non-conjugational tenses; but the last *a* of *aya* is dropped before the inserted इ *i*, which is always assumed. In the Parasmai of the benedictive both *ay* and *i* are rejected, but any other change of the root is retained: thus, वृष् 1st c., 'to know,' makes in benedictive *bodhyāsam* &c., *bodhayishya* &c.; in conditional, *abodhayishyam* &c., *abodhayishye* &c.

Passive form of causals.

496. In forming a passive verb from a causal base, the causal affix अय is rejected, but the other causal changes of the root are retained before the passive affix *ya*: thus, from the causal base पातय *pātaya* (from पत् 1st c., 'to fall') comes the passive *pātya*, making 3d sing. पात्यते 'he is made to fall.' Similarly, स्था 1st c., 'to stand,' makes स्थापयति 'he causes to stand,' स्थाप्यते 'he is made to stand;' and ज्ञा 9th c., 'to know,' makes ज्ञापयति 'he causes to know,' and ज्ञाप्यते 'he is caused to know,' 'he is informed.'

a. In the non-conjugational tenses, the base of all the tenses, excepting the 2d preterite, may vary from the *Ātmane* form by the optional rejection of the conjugation अय. But in the 2d preterite, the *Ātmane* of the usual form with *ām* and the auxiliaries (490, 385) is admitted for the passive. In the 3d preterite, the usual reduplicated form (492) gives place to the *Ātmane* form which belongs to those verbs of the first nine classes which assume *i*: thus, from भावय, the causal base of भू 'to be,' come the passive 2d pret. भावयाञ्चक्रे; 1st fut. भावयिताहे or भावित्ताहे; 2d fut. भावयिष्ये or भाविष्ये; 3d pret. अभावयिषि or अभावयिषि, 3d sing. अभावयि; bened. भावयिषीय or भावयिषीय; cond. अभावयिष्ये or अभावयिष्ये. So also, from शमय, the causal base of शम् 'to cease,' come the passive 2d pret. शमयाञ्चक्रे or शमयामासे; 1st fut. शमयिताहे or शमित्ताहे; 2d fut. शमयिष्ये or शमिष्ये; 3d pret. अशमयिषि or अशमयिषि, 3d sing. अशमयि; bened. शमयिषीय &c.; and the radical *a* may in every case be optionally lengthened: thus, 1st fut. शमयिताहे or शामयिताहे &c.

Desiderative form of causals.

497. Causals may take a desiderative form (498): thus, from *pátayámi*, 'I cause to fall,' *pipátayishámi*, 'I desire to cause to fall;' from *swápayámi*, 'I cause to sleep,' *sushwápayishámi*, 'I desire to cause to sleep.'

DESIDERATIVE VERBS.

498. Every root in the ten classes may take a desiderative form.

a. Although this form of the root rarely appears in its character of a verb, yet nouns and participles derived from the desiderative base are not uncommon (see 80. XXII, and 82. III). Moreover, there are certain roots which take a desiderative form, without yielding a volitive signification; and these, as being equivalent to primitive verbs (amongst which they are sometimes classed), may occur in the best writers. For example, *jugups*, 'to blame,' from the root *गुप् gup*; *chikits*, 'to cure,' from *कित् kit*; *titiksh*, 'to bear,' from *तिञ् tij*; *múuáns*, 'to reason,' from *मन् man*; *bíbhats*, 'to abhor,' from *बाध् bádth*.

499. Note, that desideratives take the terminations of the scheme at 247, with the substitutions required in the 1st, 4th, 6th, and 10th classes; and their inflection, either in the Parasmai or Átmane, is determined by the practice of the primitive verb: thus, the root *बुध् budh*, 1st c., 'to know,' taking both inflections in the primitive, may take both in the desiderative (*bubodhishámi* &c., or *bubodhishe* &c., 'I desire to know'); and *लभ् labh*, 'to take,' taking only the Átmane in the primitive, may take only the Átmane in the desiderative (*lipse* &c., 'I desire to take').

500. Rule for the formation of the base in the four conjugational tenses. Reduplicate the initial consonant and vowel of the root, and if the primitive verb inserts *इ i* (see 388. a), affix *इष् ish*; if it rejects *i*, then simply *स् s*, changeable to *ष् sh*, to the root so reduplicated: the vowel *a* is then added to form the base, as in the 1st, 4th, 6th, and 10th classes; and, according to the rule in those classes, this *a* is lengthened before *m* and *v*.

a. Thus, from *क्षिप् kship*, 6th c., 'to throw,' comes the base *chikshipsa* (*chiksipsá + mi = चिक्षिप्सामि chikshipsámi* &c., 'I desire to throw'); but from *विद् vid*, 2d c., 'to know,' taking inserted *i*, comes *vividisha* (*vividishá + mi = विविदिषामि vividishámi* &c.).

b. The reduplication of the consonant is strictly in conformity with the rules laid down at 331, and that of the vowel of the initial consonant follows the

analogy of causal third preterites at 493; that is, the vowel इ *i* (generally, however, short) is reduplicated for *a, á, í, í, ři, ří, e, or ai*; but the vowel उ *u* for *u, ú, and o*. Observe—The final consonant of a root rejecting *i* will unite with the *s* of *sa*, in accordance with the rules at 296: thus, from पच् 1st c. comes the base *pipaksha* by 296; from याच् 1st c. comes *yiyáchisha*; from जीव् 1st c., *jijívisha*; from दृश् 1st c., *didřiksha*; from सेव् 1st c., *siserisha* (in this and in some other roots beginning with *s*, the *i* of the reduplicated syllable does not influence the following *s*, as might be expected from rule 70); from गै 1st c., *jigás*; from ज्ञा, *jijñás* (γῆγνῶσκαω): but from युञ् 7th c. comes *yuyuksha*; from पृ 9th c., *pupúsha*; from बुध् 4th c., *bubhutsa*, see 299. a (पिपक्षामि &c., यियाचियामि &c.).

c. And if the root begin with a vowel the reduplication still follows the analogy of the same tense: thus, from अश् comes अशिश्; and with *isha* added, अशिशिष. Similarly, from अर्है comes *arjihisha*; from ऊह्, *újihisha*; from ईक्ष्, *íchikshisha*; from उन्द्, *undidisha*: see 494. The vowel *i* is reduplicated for *a*, as being lighter; see 331. e.

501. When a root takes the inserted *i*, and consequently forms its desiderative with *isha*, the radical vowel may in general be optionally gunated: thus, मुद् 1st c., 'to rejoice,' makes either *mumodisha* or *mumudisha*.

502. When *sa* is affixed to roots ending in vowels, it has the effect of lengthening a final इ *i* or उ *u*; of changing ए *e*, ऐ *ai*, औ *o*, to आ *á*; च् णि or च् णी to ईर् *ír*, or after a labial to ऊर् *úr*: thus, from चिच् 5th c. comes *chichísha*; from श्रु 5th c., *śusrúsha*; from कृ 8th c., *chikírsha*; from गै 1st c., *jigása*; from तृ, *títírsha*; from पृ, *pupúrsha*; from भृ, *bubhúrsha*; from मृ, *mumúrsha*.

a. When it is affixed to roots ending in consonants, the radical vowel remains unchanged, but the final consonant combines with the initial sibilant, in accordance with the rules laid down at 296; as, from युध् 4th c. comes *yuyutsa* (299); from दह् 1st c. comes *dídhaksha* (306. a); from दुह् 2d c., *dudhuksha*; from भुञ् 7th c., *bubhuksha*.

503. The following roots form their desiderative bases anomalously: from दा 3d c., 'to give,' comes *dítsa* (*dítsámi*, 'I wish to give'); from मा, 'to measure,' *mítsa*; from आप् 5th c., 'to obtain,' comes *ípsa*; from धा, 'to place,' *dhítsa*: so also, from धे, 'to drink,' *dhítsa*; from जि, 'to conquer,' *jigísha*; from चि, 'to gather,' *chikísha*, as well as *chichísha*; from हन्, 'to kill,' *ñigháms*; from ग्रह्, *ñigháms*; from प्रच्छ्, *pipčhšip*; from स्वप्, *supuśś*; from शक्, 'to be able,' *śiśh*; from लभ्, 'to obtain,' *lišś*; from राध्, *riśś*; from रभ्, *riśś*; from पत्, *piśś*; from च् ष्, ईर्त्स्, or regularly अदिधिप; from दिव्, दुद्यूप्, or regularly दिदेविप; from ह्रे, जुहूप; from दरिद्रा, दिदरिद्रिप; from अद्, *ñigháms*, substituted from यस् 304. a.

504. When causals and verbs of the 10th class take a desiderative form, they retain *ay*, and are all formed with *isha*: thus, चुर् makes *chuchorayishámi* &c. The causal *adhyápayati*, 'he causes to go over,' 'he teaches,' makes *अध्यापिपयिषति* or *अधिज्ञिगापयिषति* &c., 'he desires to teach.'

Non-conjugational tenses of desideratives.

505. The second preterite is formed by affixing *ám* to the desiderative base, as already formed, and adding the second preterite of either one of the auxiliaries *kṛi* or *bhú* (see 385, *b*): thus, from *pach* comes the 2d preterite *pipaksháñchakára*, 'I wished to cook.' In all the remaining tenses it is an universal rule, that inserted *i* be assumed after the desiderative base, whether formed by *sa* or *isha*, except in the bened. Parasmai: thus, from *pach* comes 1st fut. 1st sing. *pipakshitásmi* &c.; 2d fut. *pipakshishyámi* &c.; 3d pret. *apipakshisham* &c. (form II. at 427); bened. Parasmai *pipakshyásam* &c.; Átmane *pipakshishíya* &c.; cond. *apipakshishyam* &c. So also, taking *vidish* (formed with *ish* from *vid*), the 1st fut. is *vividishitásmi*; 2d fut. *vividishishyámi*; 3d pret. *avividishisham* &c.

Causal form of desideratives.

506. Desiderative verbs may sometimes take a causal form: thus, *div*, 'to play,' makes Pres. *dudyúsháni*, 'I desire to play;' *dudyúshayámi*, 'I cause to desire to play.'

FREQUENTATIVE OR INTENSIVE VERBS.

507. Every one of the roots in the ten classes may take a frequentative form.

a. This form is even less used than the desiderative. In the present participle, however, and in a few nouns, it may sometimes appear (see 80. XXII). It either expresses repetition or gives intensity to the radical idea, especially in the case of roots signifying 'to shine,' 'to be beautiful,' or 'to lament:': thus, from *दीप्*, 'to shine,' comes the frequentative base *dedípya* (Pres. 3d sing. *dedípyate*, 'it shines brightly'), and the present participle *dedípyamána*, 'shining brightly:': so also, from *शुभ्*, 'to be beautiful,' comes *śósubhya* and *śósubhyamána*; from *रुद्*, 'to weep,' *rorudya* and *rorudyamána*.

508. There are two kinds of frequentative verb, the one a reduplicated Átmane-pada verb, conforming, like neuter and passive verbs, to the conjugation of the 4th class, and usually, though not always, yielding a neuter signification; the other a reduplicated Parasmai-pada verb, following the conjugation of the 3d class of verbs. This last is rarely used*.

a. Observe—There is no frequentative form for roots of the 10th class, or for polysyllabic roots †, or for most roots beginning with

* Intensive or frequentative forms are found in Greek, such as *παιπάλλω*, *δαιδάλλω*, *μαιμάζω* or *μαιμάω*, *παμφαίνω*, *ἀλαλάζω*.

† *ऊर्णु* 'to cover' excepted, which has for its first form *ऊर्णीनूय*, and for its second *ऊर्णीनु*.

vowels. Some roots beginning with vowels take the *Ātmane* form of frequentative; see 511, 682.

b. The terminations for the first form of frequentative will be those of the *Ātmane* at 247, with the usual substitutions required for the 4th class of verbs. For the second form they will be the regular *Parasmai-pada* terminations of the memorial scheme at 246.

ĀTMANE-PADA FREQUENTATIVES.

509. Rule for the formation of the base in the four conjugational tenses. Reduplicate the initial consonant and vowel of the passive base according to the rules for reduplicating consonants at 331, and guṇate the reduplicated vowel (if capable of Guṇa), whether it be long or short: thus, from the passive base दीय (of *dā*, 'to give') comes the frequentative base *dedīya* (Pres. 1. *dedīya + i = ददीये*, 2. *dedīya + se = देदीयसे* &c.); from हीय (passive of *hā*, 'to quit') comes *jehīya* (*jehīye* &c.); from स्तīrya comes *testīrya*; from पूया, *popūya*; from *vidya*, *vevidya*; from *budhya*, *bobudhya* (Pres. बोबुध्ये, बोबुध्यसे, बोबुध्यते, &c.). The conjugation of all four tenses will correspond exactly with that of the passive.

510. If the passive base contain a medial अ *a*, long *ā* is substituted in the reduplication; as, *pāpachya* from *pachya*; *sāsmārya* from *smārya*: if a medial *ā*, *e*, or *o*, the same are reduplicated; as, *yāyāchya* from *yāchya*; *seshevyā* from *sevyā*; *lolochya* from *lochya*: if a medial च्च *ṛi*, then अरी *arī** is substituted in the reduplication; as, *dārīdṛiṣya* from *dṛiṣya*; *parīmṛiṣya* from *sṛiṣya*, &c.

511. If a passive base contain रि *ri*, this becomes री *rī* in the frequentative base; as, *chētrīya* from *chīrya* (passive of कृ 'to do'). If the base begin with अ *a*, as in अट्ठ *aṭṭa* (from अट् 'to wander'), the initial अ *a* is repeated, and the radical *ā* lengthened: thus, *āṭṭaṭṭa* *aṭṭāṭṭa* (3d sing. *āṭṭaṭṭate*).

512. If the passive base contain a nasal after short *a*, this nasal is often repeated; as, from *gam*, 'to go,' comes *gaṅgamya* (*gaṅgamye* &c.), 'to walk crookedly;' from *bhram*, *bambhramya*.

a. The passive bases जप्य, जल्प्य, दश्य, भज्य, and some others, may insert nasals, instead of lengthening the vowel in the reduplication: thus, *gaṅgamya* &c.

b. *Padya* (from *pad*) inserts नी *nī*: thus, *panīpadya* †; from *chārya* is formed *chācchārya*; from *hārya*, passive of *han*, 'to kill,' *janīya*; from *ghrāya*, *ghrāya*; from *dhmāya*, *dehmiya* (*dehmiye* &c.).

* This supports the idea that the original Guṇa of *ṛi* is *aṛi*. See 29. b.

† Similarly, the roots भंश्, संस्, ध्वंस्, स्कन्द्, वच्च् (वनीभ्रय &c.).

Non-conjugational tenses of Ātmane-pada frequentatives.

513. In these tenses frequentatives follow the analogy of passives, and reject the affix *ya*. Since, however, the base of the second preterite is formed by affixing *ám* (as usual in all polysyllabic forms, see 385. *b*), and since, in all the other tenses, inserted *i* is assumed, a coalition of vowels might arise were it not allowed to retain *y* in all cases in which a vowel immediately precedes that letter*: thus, from *dedípya* is formed the 2d preterite (1st sing.) *dedípāñchakre* &c., rejecting *ya*; but from *dedíya*, *dedíyāñchakre* &c., retaining *y*. Similarly in the other tenses: 1st fut. *dedípítáhe* &c., *dedíyítáhe* &c.; 2d fut. *dedípishye* &c., *dedíyishye* &c.; 3d pret. *adedípishi* &c., *adedíyishi* &c.; bened. *dedípishíya* &c., *dedíyishíya* &c.; cond. *adedípishye* &c., *adedíyishye* &c. In the 3d sing. 3d preterite *i* is not allowed to take the place of the regular terminations, as in the passive form.

PARASMAI-PADA FREQUENTATIVES.

514. Rule for the formation of the base in the four conjugational tenses. The base is here also formed by a reduplication similar to that of Ātmane-pada frequentatives; not, however, from the passive, but from the root: thus, from the root *pach* comes *pápach*; from *vid*, *vevid*; from दृश्, *darídriś*; from कृ, *charíkri* †. Moreover, in accordance with the rules for the 2d and 3d conjugation (307, 330), the radical vowel is gunated before the P terminations of the scheme at 246. Hence come the two bases *veved* and *vevid* (Pres. *vevedmi*, *veveti*, *veveti*; Du. *vevidwas*, &c.; 1st Pret. *avevedam*, *avevet*, *avevet*, *avevidwa*, &c.; Pot. *vevidyám*, &c.; Imp. *vevedáni*, *veviddhi*, *vevetu*, *vevedáva*, *vevittam*, &c.). Again, the base will vary in accordance with the rules of combination at 296 &c., as in *budh* (Pres. *bobodhmi*, *bobhotsi*, *boboddhi*, *bobudhwas*, &c.). And in further analogy to the 2d conjugation (313, 314) long *í* is often optionally inserted before the consonantal P terminations (Pres. *vevedími*, *vevedíshi*, *vevedíti*; Du. *vevidwas*, &c.; 1st Pret. *avevedam*, *avevedís*, *avevedít*, *avevidwa*, &c.; Imp. *vevedáni*, *veviddhi*, *vevedítu*).

515. Lastly, when the root ends in a vowel, the usual changes take place of *i* and *í* to *y* or *iy*; of *u* and *ú* to *uv*; and of *ri* to *r* (see 312): as in the roots *bhí*, *bhú*, *kri* (Pres. 1st sing. *bebhemi*, *bobhomi*, *charkarmi*; 3d plur. *bebhyati*, *bobhuvati*, *charkrati*).

a. Observe—Roots in चृ, *ri* substitute *á* in the reduplicated syllable: thus, from कृ, चाकृ; from स्तृ, तास्तृ; from पृ, पापृ, &c.

Non-conjugational tenses of Parasmai-pada frequentatives.

516. The second preterite follows the usual rule for polysyllabic bases (385. *b*),

* In passives this coalition of vowels is avoided by the change of a final vowel to Vṛiddhi, as of *chi* to *cháy*, of *hu* to *háv*, and of *kri* to *kár*; and by the change of final *á* to *áy*, as of *dá* to *dáy*; see 473.

† In the Parasmai form of frequentative, *ari* and *ar* as well as *arí* may be reduplicated for the vowel चृ *ri*; so that दृश् may make *दरीदृश्* or *दरिदृश्* or *ददृश्*; and कृ, *चरीकृ* or *चरिकृ* or *चक्रे*.

and affixes *ám* with the auxiliaries: thus, from *vid*, 'to know,' comes 1st sing. *vevidámása*; from *bhí*, *bebhyámása*. In the other tenses, excepting the benedictive, inserted *i* is invariably assumed; and before this inserted *i* roots ending in vowels forbid the usual Guṇa change in the futures, but admit Vṛiddhi in the 3d preterite: thus, 1st fut. 1st sing. *veveditásmi* &c., *bebhyitásmi* &c. (367); 2d fut. *vevedishyámi* &c., *bebhyishyámi* &c.; 3d pret. *avevedisham* &c., *abebháyisham* &c.; bened. *vevidyásam* &c., *bebhyásam*; cond. *avevedishyam*, *abebhyishyam*. This rejection of Guṇa, however, admits of question, especially in the case of roots in *u* or *ú*.

Causal, desiderative, and desiderative causal form of frequentatives.

517. Frequentatives are said to be capable of these forms: thus, from the frequentative base *totud*, 'to strike often,' come *totudayámi*, 'I cause to strike often;' *totudishámi*, 'I desire to strike often;' *totudayishami*, 'I desire to cause to strike often.'

NOMINAL VERBS, OR VERBS DERIVED FROM NOUNS.

518. These are formed by adding certain affixes to the crude base of nouns. They are not in very common use, but, theoretically, there is no limit to their formation. They might be classed under three heads, according to their meaning; viz. 1st, transitive nominals, yielding the sense of performing, practising, making or using the thing or quality expressed by the noun; 2d, intransitive nominals, giving a sense of behaving like, becoming like, acting like the person or thing expressed by the noun; 3d, desiderative nominals, yielding the sense of wishing for the thing expressed by the noun. It will be more convenient, however, to arrange them according to the affixes by which they are formed, as follows:—

Observe—The terminations of nominals will be those of the scheme at 247, making use of the substitutions required by the 1st, 4th, 6th, and 10th classes.

519. 1st, Those formed by affixing *ञ a* (changeable to *á* before *m* and *v*) to a nominal base, the final of the base being guṇated (if capable of Guṇa). When the base ends in *a*, this vowel takes the place of the affix *a*. A final *á* absorbs the affix.

a. Thus, from *कृष्ण* 'Kṛishṇa,' Pres. 1. *कृष्णामि* 'I act like Kṛishṇa,' 2. *कृष्णामि*, 3. *कृष्णति*, &c. So from *कवि* 'a poet,' Pres. 1. *कवयामि* 'I act the poet,' 2. *कवयामि*, &c.; and from *पितृ* 'a father,' Pres. 1. *पितरामि* 'I act like a father,' 2. *पितरामि*, 3. *पितरति*. Átm. Pres. 1. *पितरे*, &c.; from *माला* 'a garland,' Pres. 1. *मालामि*, 2. *मालामि*, 3. *मालाति*; 1st Pret. 1. *अमालां*, 2. *अमालास्*, &c.; Pot. *मालेयं*, &c.; from *स्व* 'own,' Pres. 3. *स्वति* 'he acts like himself.' Sometimes a final *i* or *u* is not guṇated; as, from *चक्षु* 'a beak,' Pres. *चक्षुमि*, *चक्षुसि*, *चक्षुति*, 'he uses his beak,' &c.; from *कवि* 'a poet,' *कव्यामि*, *कव्यसि*, &c. Words ending in nasals

preserve the nasals, and lengthen the preceding vowels; as, राजानति 'he acts like a king,' पथीनति 'it serves as a road,' इदामति 'he acts like this.'

520. 2dly, Those formed by affixing य *ya* to a nominal base.

a. If it is intended to express 'wish' or 'desire,' then a final अ *a* or आ *á* must be changed to ई *í*; a final इ *i* or उ *u* must be lengthened; a final ऋ *ṛi* changed to री *rí*; and a final न् *n* dropped, before य *ya* is affixed.

b. Thus, from पुत्र 'a son,' Pres. 1. पुत्रीयामि 'I desire a son,' 2. पुत्रीयसि, &c.; from पति 'a husband,' Pres. 1. पतीयामि 'I desire a husband,' &c. So also, from मानृ comes मात्रीयामि, &c.; from राजन्, Pres. राजीयामि, &c.; Pot. राजीयेयं, &c. If a word end in a consonant, *ya* is generally affixed without change; as, from वाच् 'a word,' वाच्यति 'he wishes for words.'

c. This form of nominal has not always a desiderative meaning. The following are examples of other meanings, some of which properly belong to the next form: प्रसादीयति 'he fancies himself in a palace;' कवीयति 'he acts like a poet;' कशूयति or -ते 'he scratches;' मन्थूयति or -ते 'he sins' or 'he is angry;' मित्रीयते 'he acts the part of a friend;' तपस्यति 'he performs penance' (from *tapas*, 'penance'); तिरस्यति 'he vanishes;' गच्यति 'he seeks cows' (from गो 'a cow').

d. If it is intended to express 'behaving like,' 'acting like,' a final अ *a* must be lengthened, a final आ *á* retained, and a final न् *n*, स् *s*, or त् *t*, may be dropped: thus, from पण्डित 'a wise man,' Pres. 1. पण्डिताये 'I act the part of a wise man,' 2. पण्डितायसे, 3. पण्डितायते, &c.; from द्रुम 'a tree,' Pres. 1. द्रुमाये, &c.; from राजन् 'a king,' Pres. 1. राजाये, &c.; from उन्ननस् 'sorrowful,' Pres. उन्ननाये, &c.; from वृहत् 'great,' Pres. वृहाये, &c.

e. This nominal is sometimes found with an active sense, especially when derived from nouns expressive of colour; as, from कृष्ण 'black,' कृष्णायते or -ति 'he blackens:' and sometimes in the Parasmai with a neuter sense; as, from जिह्व 'crooked,' जिह्वायति 'it is crooked;' from दास 'a slave,' दासायति 'he is a slave.' It corresponds to Greek desiderative denominatives in *ίάω*, as *θανατίάω* &c.

521. 3dly, Those formed by affixing अय *aya* to a nominal base. This form is similar to that of causals and verbs of the 10th class, with which it is sometimes confounded. Like them it has generally an active sense. A final vowel must be dropped before *aya*; and if the nominal base have more than one syllable, and end in a consonant, both the consonant and its preceding vowel must be dropped.

a. Thus, from वस्त्र 'cloth,' Pres. 1. वस्त्रयामि 'I clothe,' 2. वस्त्रयसि, 3. वस्त्रयति, &c.; from वर्मन् 'armour,' Pres. 1. वर्मयामि 'I put on armour,' &c.; from प्रमाण 'authority,' प्रमाणयामि 'I propose as authority;' from सज् 'a garland,' सजयामि 'I crown,' &c.

b. In further analogy to causals, a **प्** *p* is sometimes inserted between the base and *aya*, especially if the noun be monosyllabic, and end in *a*. Before this **प्** *p*, Vṛiddhi is required: thus, from **स्व** 'own,' Pres. **स्वापयामि** 'I make my own.' There are one or two examples of dissyllabic nouns: thus, from **सत्य** 'true,' **सत्यापयामि**, &c.*

c. If the base be monosyllabic, and end in a consonant, Guṇa may take place; as, from **द्युप्** 'hunger,' **द्योधयामि**.

d. Whatever modifications adjectives undergo before the affixes *īyas* and *iṣṭha* at 194, the same take place before *aya*: thus, from **दीर्घ** 'long,' **द्राघयामि**, **द्राघयसि**, &c.; from **अन्निक** 'near,' **नेदयामि** 'I make near,' &c.

e. This form of nominal is rarely neuter, as **चिरयति** 'he delays' (from **चिर** 'long'). According to Prof. Bopp, Greek denominatives in **αἴζω**, **αω**, **εω**, **οω**, **ιζω**, correspond to this form; as, **ὄνομα-αἴζω**, **γυναικ-ιζω**, **πυλεμ-οω**.

522. 4thly, Those formed by affixing **स्य** *sya* or **अस्य** *asya* to a nominal base, giving it the form of a future tense, generally with the sense of 'desiring,' 'longing for.'

a. Thus, from **द्वीर** 'milk,' Pres. 1. **द्वीरस्यामि** 'I desire milk,' 2. **द्वीरस्यसि**, &c.; from **वृष** 'a bull,' **वृषस्यति** '(the cow) desires the bull;' from **दधि** 'curds,' **दधस्यामि** 'I desire curds,' &c. Compare Greek desideratives in **σείω**.

523. 5thly, Those formed by affixing **काम्य** *kāmya* (derived from *kam*, 'to desire') to a nominal base; as, from **पुत्र** 'a son,' Pres. 1. **पुत्रकाम्यामि** 'I desire a son,' 2. **पुत्रकाम्यसि**, 3. **पुत्रकाम्यति**, &c.

PARTICIPLES.

PRESENT PARTICIPLES; PARASMAI-PADA.—FORMATION OF THE BASE.

524. These are the only participles that have any affinity with the conjugational structure of the verb. The base in the Parasmai is formed by substituting **त्** *t* for *nti*, and **अत्** *at* for *anti* and *ati*, the terminations of the 3d plural present; so that the peculiarities of conjugation necessarily appear in the participle: thus, from **पचन्ति** *pachanti*, 'they cook' (3d pl. pres. of **पच्**, 1st c.), comes **पचत्** *pachat*, 'cooking;' from **ग्नन्ति** *ghnanti* (3d pl. of *han*, 2d c.) comes **ghnat**; from **सन्ति** (3d pl. of *as*, 2d c., 'to be') comes **sat**; from **यन्ति** 'they go' (3d pl. of **इ**, 2d c.), **यत्** 'going;' from **यान्ति** (3d pl. of *या*, 2d c.), **यात्**; from **जुह्वति** *juhvati* (3d pl. of *hu*, 3d c.), **जुह्वत्** *juhvat*; from **नृत्यन्ति** *nrityanti*, 4th c., **nrityat**; from **चिन्वन्ति** *chinwanti*, 5th c., **चिन्वत्** *chinwat*; from **अप्नुवन्ति**, 5th c., **अप्नुवत्**; from **रुन्धन्ति**, 7th c., **रुन्धत्**; from **कुर्वन्ति**, 8th c., **कुर्वत्**; from **पुनन्ति**, 9th c., **पुनत्**.

* Similarly, **अर्थ**, 'substance,' makes **अर्थपयामि**, &c.

525. So again, from the causal बोधयन्ति, 'they cause to know' (479), comes *bodhayat*, 'causing to know;' from the desiderative बुबोधयन्ति, 'they desire to know' (499), comes *bubodhishat*, 'desiring to know;' from *ditsanti*, 'they desire to give' (503), comes *ditsat*, 'desiring to give.'

a. It has been remarked at 253, b, that the passive verb may sometimes assume a Parasmai-pada inflection; and that all the neuter verbs placed under the 4th conjugation may be considered as so many examples of this form of the passive. This theory is corroborated by the fact of the existence of a Parasmai-pada present participle derivable from a passive base: thus, from the passive base दृश्य *dríśya* comes दृश्यन् 'being seen;' from चीय *chíya* (passive base of *chi*) comes चीयन् 'being gathered.'

b. The inflection of Parasmai-pada present participles is explained at 141. In the first five inflections a nasal is inserted, proving that the base of this participle properly ends in *ant*. In the cognate languages the *n* is preserved throughout.

c. Thus, compare Sanskrit *bharan*, *bharantam* (from *bhṛi*), with *φέρων*, *φέροντα*, *ferentem*; also, *bharantau* (Ved. *bharantá*) with *φέροντε*; *bharantas* with *φέροντες*, *ferentes*; *bharatas* with *φέροντας*; gen. sing. *bharatas* with *φέροντος*, *ferentis*. So also, Sanskrit *vahan*, *vahantam*, with *vehens*, *vehentem*; and *san*, *santam* (from *as*, 'to be'), with the *sens* of *ab-sens*, *præ-sens*. Compare also the base *strinwant* with *στορνυντ*.

PRESENT PARTICIPLES; ÁTMANE-PADA.—FORMATION OF THE BASE.

526. The base is formed by substituting मान *mána* for *nte*, the termination of the 3d plur. pres. of verbs of the 1st, 4th, and 6th conjugations, and passives; and by substituting आन *ána* for *ate*, the termination of the 3d plur. pres. of verbs of the other conjugations; see 247, p. 106: thus, from पचन्ते *pachante* (1st conj.) comes पचमान *pachamána*, 'cooking;' from तिष्ठन्ते (*sthá*, 1st conj.), तिष्ठमान 'standing;' from नृत्यन्ते (4th conj.), नृत्यमान; from लिम्पन्ते (*lip*, 6th conj.), लिम्पमान.

a. But from ब्रुवन्ते *bruvate* (ब्रू 2d conj.), ब्रुवाण *bruvána* (see 58); from निम्नन्ते (हन् with नि 2d conj.), निम्नान; from दधन्ते (*dhá*, 3d conj.), दधान; from चिन्वन्ते (5th conj.), चिन्वान; from युञ्जन्ते (7th conj.), युञ्जान; from कुर्वन्ते (8th conj.), कुर्वाण; from पुनन्ते (9th conj.), पुनान. The root आस् 2d c., 'to sit,' makes आसीन for आसान; and शी 2d c. is शेरन्ते in 3d pl. (see 315), but शयान in the pres. participle.

b. Observe—The real affix for the Átmanc-pada pres. participle is *mána*, of

which *ána* is probably an abbreviation. Compare the Greek $\mu\epsilon\lambda\upsilon$: भरमाण (58) = $\phi\epsilon\rho\acute{\omicron}\mu\epsilon\upsilon\omicron\varsigma$.

527. Verbs of the 10th conjugation and causals may substitute either *mána* or *ána*, but more frequently the latter: thus, from *bodhayante* comes *bodhayamána* and *bodhayána*; from *darśayante*, *darśayána*; from *vedayante*, *vedayána*. The affix *ána* is probably preferred on account of the greater fulness of form of verbs of the 10th class.

528. Passives and other derivative verbs always substitute *mána*: thus, from क्रियन्ते, 'they are made,' comes क्रियमाण, 'being made' (58); from दीयन्ते, 'they are given,' दीयमान, 'being given'; from the desiderative दित्सन्ते, 'they desire to give,' दित्समान, 'desiring to give'; from जिघांसन्ते, 'they desire to kill,' जिघांसमान, 'desiring to kill.'

529. The inflection of *Ātmane-pada* pres. participles follows that of the 1st class of nouns at 103: thus, N. masc. sing. पचमानम्; fem. पचमाना; neut. पचमानं.

PAST PARTICIPLES.

PAST PASSIVE PARTICIPLES.—FORMATION OF THE BASE.

530. These participles may be regarded as falling under four heads: 1st, as derived from roots; 2dly, as derived from causal bases; 3dly, as derived from desiderative bases; 4thly, as derived from nominal bases.

1. Derived from roots.

531. In general the base is formed by adding *ta* directly to the root; as, from क्षिप् *kship*, 'to throw,' क्षिप्त *kshipta*, 'thrown.'

a. But if the root end in च् *ri*, by adding *na*; as, from कृ *krí*, 'to scatter,' कीर्ण *kírṇa*, 'scattered.' Some roots in चा *á*, ई *í*, and ऊ *ú*, some in रे *ai* preceded by two consonants, with some of those in द *d*, र *r*, ज *j*, one in ग् *g*, and one in च् *ch*, rejecting inserted *i* (see the lists at 394) from the participle, also take *na* instead of *ta*.

532. Roots ending in vowels do not admit inserted इ *i* in this participle, although they may admit it in the futures* (395. *a*, 396. *b*, 397, &c.), but attach *ta* or *na* directly to the root; as, from या *yá*, यात *yáta*, 'gone;'; from जि, जित 'conquered;'; from नी, नीत *níta*;

* शी, however, makes शयित; and पृ may be पवित as well as पूत.

from श्रु, श्रुत; from भू, भूत; from कृ, कृत; from घ्रा, घ्राण (58); from ली, लीन; from ही, हीण; from लू, लून; from श्चि, श्चिन.

533. But in certain cases the final vowel of the root is changed: thus, some roots in आ *á* change *á* to *i* before *ta*; as, from स्या *sthá*, स्थित *sthita*; from मा, मित; from दरिद्रा, दरिद्रित. धा, 'to place,' becomes हित; दा, 'to give,' दत्त*; पा, 'to drink,' पीत. हा, 'to quit,' becomes ही before *na* (हीन). Some roots in *á* take both *na* and *ta*; as, from घ्रा, घ्राण and घ्रात; from वा, with the preposition निर्, निर्वाण and निर्वात.

534. Roots in च्चु *ri* change *ri* to *ír* before *na*, which passes into ण *na* by 58; as, from तृ, 'to pass,' तीर्ण, 'passed.' But from पू, पूर्ण 'full,' 'filled.'

535. The root धे *dhe*, 'to suck,' becomes धी before *ta* (धीत); ह्वे *hwe*, 'to call,' हु (हूत); वे *ve*, 'to weave,' उ (उत); ये *rye*, 'to cover,' वी *vi* (वीत).

536. Roots in ऐ *ai* generally change *ai* to *á* before *na* or *ta*; as, from म्लै *mlai*, 'to fade,' म्लान *mlána*; from ध्यै, 'to meditate,' ध्यात; from दै, 'to purify,' दात; from त्रै, 'to rescue,' त्राण or त्रात. But from गै, 'to sing,' गीत; from घ्यै, 'to waste,' घ्याम.

537. Roots in ओ *o* change *o* to *i*; as, from सो, सित; from शो, शित.

538. Those roots ending in consonants which take the inserted *i* in the last five tenses (388. *a*), generally take this vowel also in the past passive participle, but not invariably (see 542). Whenever *i* is assumed, *ta* is affixed, and not *na*; as, from पत् *pat*, 'to fall,' पतित *patita*, 'fallen;' and if उ *u* or च्चु *ri* precede the final consonant of the root, these vowels may take Guṇa; as, from द्युत् *dyut*, द्योतित *dyotita*; from मृप्, मर्षित. ग्रह्, 'to take,' lengthens the inserted *i* (गृहीत 'taken').

539. Roots ending in consonants which reject the inserted *i* in the last five tenses (400), generally reject it in the past passive participle. They must be combined with *ta*, agreeably to the rules at 296, &c. Whatever form, therefore, the final consonant assumes before the termination *tá* of the 1st future (see the lists at 400), the same form will generally, though not invariably, be preserved before the *ta* of the past participle; so that, in many cases, this participle may be derived from the 3d sing. of the 1st future by shortening the final *á*, and, if necessary, restoring the radical vowel to its original state: thus, taking some of the examples at 400; शक्त्वा

* When prepositions are prefixed to *datta*, the initial *da* may be rejected: thus, *átta* for *ádatta*, 'taken;' *pratta* for *pradatta*, 'bestowed;' *vyátta* for *vyádatta*, 'expanded;' *parítta* for *paridatta*; *súttá* for *sudatta*, the *i* and *u* being lengthened.

śaktá, 'he will be able,' gives शक्न *śakta*, 'able;' सेक्ता *sektá*, 'he will sprinkle,' सिक्ता *sikta*, 'sprinkled;' मोक्ता *moktá*, मुक्ता *mukta*; प्रष्टा, पृष्ट; त्यक्ता, त्यक्त; योक्ता, युक्त; सष्टा, मृष्ट; माष्टा, मृष्ट; सेद्धा, सिद्ध; वोद्धा, बुद्ध; योद्धा, युद्ध; क्षेप्ता, क्षिप्त; लोप्ता, लुप्त; सर्प्ता, मृप्त; कल्प्ता, क्लृप्त; लब्धा, लभ्य; लोब्धा, लुभ्य; वेष्टा, विष्ट; द्रष्टा, दृष्ट; क्रोष्टा, क्लृष्ट; द्वेष्टा, द्विष्ट; दोष्टा, दुष्ट; क्रष्टा, कृष्ट; तष्टा, तष्ट; त्वष्टा, त्वष्ट; एष्टा, इष्ट; दग्धा, दग्ध; सोढा, सोढ; नद्धा, नद्ध; गाढा, गाढ; लेढा, लीढ (305. a); देग्धा, दिग्ध; स्नेग्धा, स्निग्ध; रोढा, रूढ (305. a); मोढा, मूढ; or मोग्धा, मुग्ध; दोग्धा, दुग्ध; गोढा, गूढ: but भञ्ज 'to fry,' which is भष्टा in the 1st future, is भृष्ट in the participle.

540. Most roots ending in *द् d*, forbidding the inserted *इ i* (404), take *na* instead of *ta*, and are combined with *na*, agreeably to 47; as, from पद्, पन्न; from भिद्, भिन्न; from सद्, with the preposition वि, विपण (70 and 58); from अद् 'to eat,' अन्न (unless जग्ध is substituted, from *jaksh* at 542).

541. Those roots ending in *ञ् j*, which take *na*, change *j* to *g* before *na*; as, from विञ् *viñ*, विग्न *vigna*; from रुञ् *ruñ*, रुग्न *rugna*. So from मञ्ज्, rejecting one *j*, मग्न; from लञ्ज् 'to be ashamed,' लग्न (as well as लञ्जित). लग्, 'to adhere,' also makes लग्न; and व्रश्च्, 'to cut,' makes वृक्ण or वृक्ञ (see 58).

542. Some roots which admit *i* in the futures, reject it in this participle; as, धृप्, 1st fut. धर्षिता, but pass. part. धृष्ट; so अर्द्, अर्दिता, but अर्त्त (with आ *á* prefixed, आर्त्त 'pained'); दृह्, दर्हिता, but दृढ; मद्, मदिता, but मन्न; जश्च् 'to eat,' जश्चिता, but जग्ध; दीप् 'to shine,' दीपिता, but दीप्त; नश्च् 'to perish,' नशिता, but नष्ट; मूर्च्छ् 'to faint,' मूर्च्छिता, but मूर्त्त as well as मूर्च्छित; श्लेष्च् 'to speak barbarously,' श्लेच्छिता, but श्लिष्ट as well as श्लेच्छित; नृत् 'to dance,' नर्तिता, but नृत्त as well as नर्तित.

543. If in forming the passive base (471), or in the 2d preterite (375. c. d), the *v* or *y* contained in a root is changed to its semivowel *u* or *i*, the same change takes place in the past passive participle: thus, from वच् *vach*, 'to say,' उक्ता *ukta*; from वप् *vap*, उप्त *upta*; from वह्, जढ; from स्वप्, सुप्त; from यञ्, इष्ट. Similarly, from दिव्, द्यून or द्यूत; from त्वर्, तूर्ण.

544. Some other changes which take place in forming the passive base (472) are preserved before *ta*: thus, from शाम्, शिष्ट; from व्यथ्, विद्ध. And when the root ends in two conjunct consonants, of which the first is a nasal, this nasal is rejected; as, from वन्ध्, वद्ध; from भंश्, भष्ट; from अञ्ज्, अक्त; from सञ्ज्, सक्त; from भञ्ज्, भग्न: but not if *इ i* is inserted; as, from खग्द्, खग्दित; from क्रन्द्, क्रन्दित (except मन्ध्, making मथित).

545. Roots ending in *म् m* or *न् n* reject these nasals before *ta*; as, from गम् *gam*, 'to go,' गत *gata*; from यम् *yam*, यत *yata*; from रम्, रत; from तन्, तत; from हन्, हत: but retain them if *इ i* is inserted; as, from खन्, खनित. From जन्, 'to be born,' is formed जात; from खन्, खात; the *a* being lengthened.

546. Those roots ending in *म् m*, of the 4th conjugation, which lengthen a

medial *a* before the conjugational affix *y*, also lengthen it before *ta*, and change *m* to *n* as in the futures: thus, from क्रम्, क्रान्त; from भम्, भान्त; from शम्, शान्त; from दम्, दान्त; from क्षम्, क्षान्त; from क्लम्, क्लान्त. Similarly, from वम्, वान्त; from कम्, कान्त.

547. From स्फाय्, 'to swell,' is formed स्फ्रीत or स्फात; from पूय्, 'to be putrid,' पूत; from प्याय् or प्यै, 'to be fat,' 'to increase,' पीन or प्यान; from ज्या, 'to grow old,' जीन; from मुर्व्, 'to bind,' मूर्ण.

548. The following are quite anomalous: from पच् *pach*, 'to cook,' पक्क *pakwa*; from शुष्, 'to dry,' शुष्क; from क्षीव्, 'to be drunk,' क्षीव.

2. Derived from causal bases.

549. In forming the past passive participles from these, the causal affix अय *aya* is rejected, but the inserted इ *i* is always assumed: thus, from कारय्, causal of कृ 'to make,' comes कारित *kárita*, 'caused to be made;'; from स्थापय्, causal of स्था 'to stand,' comes स्थापित *sthápita*, 'placed.'

3. Derived from desiderative bases.

550. In adding त *ta* to a desiderative base, the inserted इ *i* is invariably assumed; as, from पिपास, 'to desire to drink,' comes पिपासित; from चिकीषे, चिकीर्षित; from ईप्स, ईप्सित, &c.

4. Derived from nominal bases.

551. There are in Sanskrit certain participles, which are said to be formed by adding इत *ita* to nouns: thus, from शिथिल, 'loose,' शिथिलित, 'loosened;'; from जिह्व, 'crooked,' जिह्वित, 'curved.' These may be regarded as the passive participles of the transitive nominal verbs शिथिलयति, जिह्वयति (521); and whenever this kind of participial adjective is found, it may indicate that a nominal verb is in use, whence the participle is derived.

a. Moreover, as *na* sometimes takes the place of *ta*, so *ina* is added to some nouns instead of *ita*: thus, *malina*, 'soiled,' from *mala*; *śringīṇa*, 'horned,' from *śringa*.

b. Corresponding forms in Latin are *barbatus*, *alatus*, *cordatus*, *turritus*, &c.; and in Greek, ὀμφαλωτός, κροκωτός, αὐλωτός, &c. See Bopp's Comp. Gr.

552. The inflection of past passive participles follows that of the first class of nouns at 103; thus exhibiting a perfect similarity to the declension of Latin participles in *tus*: thus, कृत *kṛita*, nom. sing. masc. fem. neut. कृतस्, कृता, कृतं.

a. The perfect identity between Sanskrit passive participles in *ta*, Latin participles in *tu-s*, and Greek verbals in *το-ς*, will be evident from the following examples: Sanskrit *jñátas* = (*g*)*notus* (*ignotus*), *γνωτός*; *dattas* = *datus*, *δοτός*; *śrutas* = *clutus*, *κλυτός*; *bhútas* = *φυτός*; *yuktas* = *junctus*, *ζευκτός*; *labdhas* = *ληπτός*; *pítas* = *πότος*; *bhṛítas* = *fertus*, *φερτός*; *dishṭas* = *dictus*, *δεικτός*. And, like Sanskrit, Latin often inserts an *i*, as in *domitus* (= Sanskrit *damítas*), *monitus*, &c. In Greek, *ε* is inserted in forms like *μενετός*, *έρπετός*. There are also examples of Latin and Greek formations in *nu-s* and *νο-ς*, corresponding to the Sanskrit participle in *na*: thus, *plenus* (= *púrṇa*), *magnus* (from Sanskrit root *mah*), *dignus* (from Sanskrit *diś*, *dik*, Greek *δεικ*); and *στυγνό-ς*, *στεργνό-ς*, *σεμνό-ς*, &c. See Eastwick's Bopp's Comp. Gr. 1117.

PAST ACTIVE PARTICIPLES.

These are of two kinds: 1st, those derived from the past passive participle; 2dly, those derived from the second preterite. These latter rarely occur. The former are much used to supply the place of a perfect tense active.

PAST ACTIVE PARTICIPLES DERIVED FROM PAST PASSIVE PARTICIPLES.—FORMATION OF THE BASE.

553. The base of these participles is easily formed by adding *वत्* *vat* to that of the past passive participle: thus, from कृत 'made,' कृतवत् 'who made;' from दग्ध 'burnt,' दग्धवत् 'who burnt;' from उक्त 'said,' उक्तवत् 'who addressed;' from भिन्न 'broken,' भिन्नवत् 'who broke;' from स्थापित 'placed,' स्थापितवत् 'who placed,' &c.

a. These participles are declined at 140. a. b.

Participles of the second preterite.

554. In the case of participles derived from the 2d preterite, either *वस्* *vas* or *इवस्* *ivas* is added to the base of that tense, as formed in the dual and plural. *Vas*, when the base in the dual and plural consists of more than one syllable; as, from *rivid* (365), *viridvas*; from *chichi* (367), *chichivas*; from *nanṛit* (364, compare 45. a), *nanṛitvas*; from *sasmar* (367. c), *sasmarvas*. But *ivas*, when the base in the dual and plural consists of one syllable only; as, from *ten* (375. a), *tenivas*; from *jagm* (376), *jagmivas*; from *jaksh* (377), *jakshivas*. Roots which take *ám* in the 2d preterite (385. a. b. c. d) form the participles of this tense by adding the 2d preterite participles of *कृ*, *भू*, and *अ*, to *ám*: thus, from *chur*, 10th c., *chorayámbabhúvas*, *chorayáuchakṛivas*, *chorayámásivas*. Those roots which insert a *y* or *v* in the base of the 2d preterite (see 367. a. b), reject it in the participle: thus, *śri*, 'to have recourse,' makes its participle *śísṛivas*; and *bhú*, 'to be,' makes *babhúvas*, not *babhúvas*, &c.

a. There is an *Ātmane-pada* participle of the 2d preterite formed by adding *ána* to the base of the dual and plural: thus, *vividána*, *chichyána*, *jagmána*. See 526. a; and compare the Greek perfect participle in *μενο*: तुतुपान = τετυμμένος.

b. The participles of the 2d preterite are inflected at 168. Those of the *Ātmane-pada* follow the inflection of the first class of nouns at 103.

c. Observe—Sanskrit has no past participles derived from the 1st or 3d preterite, corresponding to the participles of the Greek aorists.

PAST INDECLINABLE PARTICIPLES.

555. These may be classed under two heads: 1st, as formed by affixing *त्वा* *twá* to un-compounded roots; as, from भू *bhú*, ‘to be,’ भूत्वा *bhútwá*, ‘having been:’ 2dly, as formed by affixing *य* *ya* to roots compounded with prepositions or other adverbial prefixes; as, from अनुभू *anubhú*, ‘to perceive,’ अनुभूय *anubhúya*, ‘having perceived;’ from सज्जीभू *sajjībhú*, ‘to become ready,’ सज्जीभूय *sajjībhúya*, ‘having become ready.’ The sense involved in them is generally expressed by the English ‘when,’ ‘after,’ ‘having,’ or ‘by:’ thus, तत् कृत्वा *tat kṛtwá*, ‘when he had done that,’ ‘after he had done that,’ ‘having done that,’ ‘by doing that.’ See the chapter on Syntax.

a. Prof. Bopp considers the affix *twá* of this participle to be the instrumental case of an affix *tu*, of which the infinitive affix *tum* is the accusative. There can be little doubt that the indeclinable participle has about it much of the character of an instrumental case (see Syntax); but the form of its base varies considerably from that of the infinitive: thus, *vaktum*, *uktwá*, from *vach*; *yashṭum*, *ishṭwá*, from *yaj*, &c.

Indeclinable participles formed from un-compounded roots.

556. When the root stands alone and un-compounded, the indeclinable participle is formed with *त्वा* *twá**.

This affix is closely allied to the *त* *ta* of the past passive participle at 531, insomuch that the rules for the annexation of *त* *ta* to the root apply equally to the indeclinable affix *त्वा* *twá*. The formation, therefore, of one participle generally involves that of the other: thus, from क्षिप्त *kshipta*, ‘thrown,’ क्षिप्त्वा *kshiptwá*, ‘having thrown;’ from कृत, ‘done,’ कृत्वा, ‘having done;’ so from स्थित, स्थित्वा; from दृष्ट, दृष्ट्वा; from दत्त, दत्त्वा; from पीत, पीत्वा; from क्रान्त, क्रान्त्वा; from गृहीत, गृहीत्वा; from उपित, उपित्वा; from उक्त, उक्त्वा; from बुद्ध, बुद्ध्वा; from ऊढ, ऊढ्वा; from हित (root धा), हित्वा; from जग्ध, जग्ध्वा. And where *i* is inserted, there is often an optional change of the radical

* There are one or two instances in which an un-compounded root takes *य*; as, अर्च्य ‘having revered.’ Manu VII. 145. I. 4. Mahābh. 3. 8017.

vowel to Guṇa, as in the passive participle at 538: thus, द्युतिवा *dyutitvá* or द्योतिवा *dyotitvá* from द्युत्; मृषित्वा or मर्षित्वा from मृष्.

a. When there are two forms of the passive participle, there is often only one of the indeclinable: thus, नृत् makes नृत्त and नर्तित, but only नर्तित्वा; लञ् makes लग्न and लज्जित, but only लज्जित्वा; and, *vice versa*, वस्, 'to dwell,' makes only उपित, but उपित्वा and उष्टा; and सह्, 'to bear,' makes only सोढ, but सहित्वा and सोढा.

b. The penultimate nasal, which is rejected before *ta* (544), is often only optionally rejected before *twá*: thus, from रञ्, रक्त, but रंक्ता or रक्ता.

557. The only important variation from the passive participle occurs in those roots, at 531. a, which take *na* for *ta*. In such roots no corresponding change takes place of *twá* to *nwá*: thus, from जृ, जीर्ण, but जरित्वा (or जरीत्वा); from तृ, तीर्ण, but तीर्त्वा; from छिद्, छिन्न, but छिन्ना; from भञ्, भग्न, but भंक्ता or भक्ता; from रुञ्, रुग्ण, but रुक्ता; from हा, हीन, but हित्वा, 'having quitted' (not distinguishable from हित्वा, 'having placed,' from धा).

558. Observe, moreover, that verbs of the 10th class and causals, which reject the characteristic अय before the *ita* of the past passive participle, retain *ay* before *itwá*: thus, स्थापित 'made to stand' (from the causal base स्थापय), but स्थापयित्वा 'having made to stand'; चिन्तित 'thought' (from चिन् 10th c., 'to think'), but चिन्तयित्वा 'having thought.'

Indeclinable participles formed from compounded roots.

559. When a root is compounded with a preposition or any indeclinable prefix (excepting अ *a*, 'not'), the indeclinable participle cannot be formed with *twá**. The affix य *ya* is then used, and the rules which regulate its annexation to the root are some of them analogous to those which prevail in other cases in which *ya* is affixed; see the rules for the formation of the fourth conjugation at 272, of passives at 461, and of the benedictive at 443.

560. But if a root end in a short vowel, instead of any lengthening of this vowel, त् *t* is interposed; as, from आश्रि *ásri*, 'to take refuge' (root श्रि), आश्रित्य *ásritya*, 'having taken refuge'; from निश्रि, निश्रित्य; from उत्स्रु, उत्स्रुत्य; from संस्कृ, संस्कृत्य; from निःसृ, निःसृत्य. The lengthening of the radical vowel by coalition does not prevent this rule; as, from अती *atí* (*atí* with *i*), अतीत्य *atítya*.

561. If a root end in long आ *á*, ई *í*, or ऊ *ú*, no change takes

* There are one or two instances of compounded roots formed with *twá*: thus, अनुधात्वा (from धै), Rámáyana I. 2. 20. Especially in the case of causals; as, निवर्त्तयित्वा. When अ *a*, 'not,' is prefixed, *twá* is always used; as, अकृत्वा 'not having done,' 'without having done'; अदत्त्वा 'not having given.'

place; as, from विहा, विहाय; from उपक्री, उपक्रीय; from विधू, विधूय; but if in long चू *ri*, this vowel becomes *ir*; as, from अचकृ, अचकीर्य 'having scattered.' आपृ (from पू 'to fill') makes आपूर्य (compare 534).

562. Final diphthongs pass into आ *á*; as, from परिष्ये, परिष्याय (also परिषीय); from अभिधै, अभिधाय; from अवसो, अवसाय.

a. But from सो with व्यव comes व्यवस्य; and from हे with आ, आहूय.

563. A penultimate nasal is generally rejected; as, from समामञ्ज *samásanj*, समासज्य *samásajya*; from प्रमन्य, प्रमन्य (used adverbially, 'violently').

a. But not always; as, from आशङ्क, आशङ्क्य; from आलिङ्ग, आलिङ्ग्य.

564. If a root end in a consonant the general rule is, that no change takes place; as, from निक्षिप् *nikship*, निक्षिप्य *nikshipya*; from प्राप् (*pra* and *áp*), प्राप्य; from वीक्ष (*vi* and *íksh*), वीक्ष्य.

a. But some roots ending in *am* and *an* may optionally reject the nasal, and interpose *t* between the final short *a* and *ya*; as, from निर्गम् *nirgam*, निर्गत्य *nirgatya* or निर्गम्य *nirgamya*; from निहन्, निहत्य. जन् and खन्, instead of interposing *t*, lengthen the final *a*; as, from उत्खन्, उत्खाय.

565. The changes which take place in certain roots before the *ya* of the passive (471, 472) are preserved before *ya*; as, from निवप, न्युप्य; from विवम्, व्युप्य; from विग्रह, विगृह्य; from आप्रह, आपृह्य; from आव्यध, आविध्य. म्फुर् lengthens its vowel before *y*; as, विम्फूर्य.

566. In affixing *y* *ya* to the bases of causals and verbs of the 10th class the characteristic अय is generally rejected; as, from प्रबोधय *prabodhaya*, प्रबोध्य *prabodhya*; from प्रसारय, प्रसार्य; from सन्दर्शय, सन्दर्श्य.

a. It is, however, retained in some few instances; as, विगणय्य, 'having calculated,' from गण; आकलय्य, 'having imagined,' from कल्; सङ्कथय्य, 'having narrated,' from कथ.

Adverbial indeclinable participle.

567. There is another indeclinable participle yielding the same sense as those formed with *twá* and *ya*, but of rare occurrence. It is equivalent to the accusative case of a noun derived from a root, used adverbially; and is formed by adding अम् *am* to the root, before which affix changes of the radical vowel take place, similar to those required before the causal affix अय (481); thus, from नी *ní*, 'to lead,' नायं *náyam*, 'having led'; from पा, 'to drink,' पायं, 'having drunk'; from ह्ये, ह्यायं; from पच्, पाचं; from क्षिप्, क्षेपं; from हन्, 'to kill,' घातं. It often occupies the last place in a compound; as in the expression समूलघातं, 'having totally exterminated;' and in the following passage from Bhatti:

लतानुपातं कुमुमान्यगृह्णात स नद्यवस्कन्दमुपाम्मृशञ्च ।

कुतूहलाचारुशिलोपवेशं काकुत्स्थ ईपत्स्नयमान आस्त ॥

'The descendant of Kakutstha, smiling softly, repeatedly bending down the creepers, would pluck the blossoms; descending to the streams, would sip (the

waters); seating himself on some variegated rock, would recline in admiration (of the scene).’ Compare also the passage at the end of Act V. of Śakuntalā; वाहूक्षेपं क्रन्दितुं प्रवृत्ता ‘repeatedly throwing up her arms she began to weep.’

a. These participles generally imply repetition of the action, as in the passage above, and in this sense are themselves often repeated; as, *dāyam, dāyam*, ‘having repeatedly given.’

FUTURE PASSIVE PARTICIPLES.

568. These are amongst the most common and useful of all participles, and may be classed under three heads: 1st, as formed with the affix *तव्य* *tavya*; 2dly, as formed with *अनीय* *anīya*; 3dly, as formed with *य* *ya*. These affixes yield a sense corresponding to the Latin future passive participle in *dus*, and the English *able* and *ible*, and most commonly denote ‘obligation’ or ‘propriety’ and ‘fitness.’

a. Although these participles agree in signification with the Latin participles in *dus*, yet Prof. Bopp considers that the affix *tavya* corresponds in form to the Latin *tivus*, and in sense as well as form to the Greek *τέος*. In some of the Latin formations with *tivus*, the passive sense is preserved, as in *captivus, nativus, coctivus*. Compare Sanskrit *dātavya* with *dativus (dandus)*, *δοτέος*; *yoktavya* with *(con)junctivus (jungendus)*; *janitavya* with *genitivus (gignendus)*; *dhātavya* with *θετέος*, &c.

Future passive participles formed with तव्य tavya.

569. These are formed by substituting *तव्य* *tavya* for *ता* *tā*, the termination of the 3d pers. sing. of the 1st future: thus, from *क्षेप्ता* *ksheptā*, ‘he will throw,’ *क्षेप्तव्य* *ksheptavya*, ‘to be thrown;’ *कर्त्ता*, ‘he will do,’ *कर्त्तव्य*, ‘to be done;’ from *भविता*, ‘he will be,’ *भवितव्य*, ‘about to be.’ And in the case of roots ending in consonants rejecting *i*, whatever changes take place before *tā*, the same take place before *tavya* (see 400): thus, *त्यक्ता*, *त्यक्तव्य (relinquendus)*; *प्रधा*, *प्रधव्य*; *द्रष्टा*, *द्रष्टव्य*; *बोद्धा*, *बोद्धव्य*; *दग्धा*, *दग्धव्य*; *सोढा*, *सोढव्य*; and from the causal *कारयिता*, *कारयितव्य*, &c.

Future passive participles formed with अनीय anīya.

570. This affix is added directly to the root, without any other change than the Guṇa of the radical vowel: thus, from *चि* *chi*, ‘to gather,’ *चयनीय* *chayanīya*, ‘to be gathered;’ from *भू*, *भवनीय*; from *कृ*, *करणीय (58)*; from *लिख्*, *लेखनीय*; from *शुध्*, *शोधनीय*; from *स्पर्श*, *स्पर्शनीय*; from *कृप्*, *कर्षणीय (58)*. A final diphthong is changed to *आ* *ā*; as, from *धै*, *ध्यानीय*; from *गै*, *गानीय*.

Future passive participles formed with य ya.

571. Before this affix, as before all others beginning with *y*, certain changes of final vowels become necessary.

a. If a root end in आ *á*, or in ए *e*, ऐ *ai*, ओ *o*, changeable to आ *á*, this vowel becomes ए *e* (compare 446); as, from मा *má*, 'to measure,' मेय *meya*, 'to be measured,' 'measurable;' from हा *há*, हेय *heya*; from धै *dhyai*, धेय *dhyeya*; from ग्नि, ग्नेय, &c.

b. If in इ *i*, ई *í*, उ *u*, or ऊ *ú*, these vowels are guṇated; as, from चि *chi*, चेय *cheya*. But the Guṇa ओ *o* is changed to *av*, and sometimes the Guṇa ए *e* to *ay*, before *ya* (as if before a vowel): thus, from भू, भव्य; from जि, 'to conquer,' जय्य *jayya*. The Guṇa ओ *o*, however, oftener passes into *áv* before *y*; as, from श्रु, श्राव्य; from प्रु, प्राव्य; from भू, भाव्य.

c. If in चृ *ṛi* or चृ *ṛí*, these vowels are vṛiddhied; as, from कृ, कार्य.

572. Sometimes if a root end in a short vowel no change takes place, but *t* is interposed, after the analogy of the indeclinable participle formed with *ya* at 560; so that the crude base of the future participle is often not distinguishable from the indeclinable: thus, from जि *ji*, 'to conquer,' जित्य *jitya*, 'conquerable;' from स्तु *stu*, 'to praise,' स्तुत्य *stutya*, 'laudable;' from कृ *kṛi*, 'to do,' कृत्य *kṛitya*, 'practicable;' from इ 'to go,' इत्य 'to be gone;' from आदृ 'to honour,' आदृत्य 'to be honoured.'

573. If a root end in a single consonant with a medial *a*, the latter may be vṛiddhied; as, from ग्रह *grah*, ग्राह्य *gráhya*: but not always; as, from शक्, शक्य; from सह, सद्य; from बध्, बध्य *badhya*: and rarely if the final is a labial; as, from गम्, गम्य; from लभ्, लभ्य.

a. If with a medial इ *i* or उ *u*, these are generally guṇated; as, from भुज्, भोज्य; from लिह्, लेह्य.

b. If with a medial चृ *ṛi*, no change takes place; as, from स्मृश्, स्मृश्य; from दृश्, दृश्य.

574. A final च् *ch* may sometimes optionally be changed to क् *k*, and ज् *j* to ग् *g*; and other changes may take place, some of which are similar to those before the *ya* of passives; as, from पच् *pach*, पाक्य *pákyā* and पाच्य *páchya*; from वच्, वाक्य and वाच्य; from भुज्, भोग्य and भोज्य; from ग्रह्, गृह्य as well as ग्राह्य *gráhya*; from वद्, उद्य (471); from यज्, इज्य; from शास्, शिष्य (472); from खन्, खेय.

575. Many of these participles are used as substantives: thus, वाक्य n. 'speech;' भोज्य n. 'food;' भोग्या f. 'a harlot;' इज्या f. 'sacrifice;' खेय n. 'a ditch;' भार्या f. 'a wife,' from भृ 'to support,' &c.

576. The affix *ya* may occasionally be added to nouns or nominal bases: thus, from मुमल 'a pestle,' मुसल्य 'to be pounded with a pestle.'

577. The inflection of future passive participles follows that of the first class of nouns at 103: thus, कर्तव्य 'to be done;' N. sing. m. f. n. *kartavyas, kartavyá, kartavyam*. Similarly, *karaṇíyas, karaṇíyá, karaṇíyam*; and *káryas, káryá, káryam*.

PARTICIPLES OF THE SECOND FUTURE.—FORMATION OF THE BASE.

578. These are not common. They are of two kinds, either Parasmai-pada or Átmane-pada; the former being formed by changing अन्ति *anti*, the termination of the 3d plur. of the 2d future, into अत् *at*; the latter, by changing अन्ते *ante* into अमान *amána*: thus, from करिष्यन्ति *karishyanti* and करिष्यन्ते *karishyante*, 'they will do,' come करिष्यत् *karishyat* and करिष्यमाण *karishyamána* (58), 'about to do;' from the passive 2d fut. वक्ष्यन्ते, 'they will be said,' comes वक्ष्यमाण, 'about to be said.'

a. In the mode of their formation from the 3d person plural, by the affixes *at* and *amána*, and in their inflection, they resemble present participles at 524 and 526.

b. Observe—The future participle in *mána* may be compared with the Greek in $\mu\epsilon\nu\omicron$: $dásyamána = \delta\omega\sigma\acute{o}\mu\epsilon\nu\omicron\varsigma$.

PARTICIPIAL NOUNS OF AGENCY.

579. These have been already incidentally noticed at 80, 83, 85. As, however, they partake of the nature of participles, and are of great practical utility, some further mention of them is necessary. They may be classed under three heads: 1st, as formed from the root; 2dly, as formed from the 1st future; 3dly, as formed from the causal base.

580. The base of the first class (see 80. II) is formed from the root by affixing अ *a*, before which Guṇa, and rarely Vṛiddhi, of a final vowel is required; as, from जि *ji*, 'to conquer,' जय *jaya*, 'conquering.' Medial vowels are generally unchanged; as, from वद् *vad*, 'to say,' वद *vada*, 'saying;' from तुद् *tud*, 'to vex,' तुद *tuda*, 'vexing:' and final आ *á*, अम् *am*, or अन् *an*, are dropped; as, from दा *dá*, 'to give,' द *da*, 'giving;' from गम् *gam*, 'to go,' ग *ga*, 'going;' from जन् *jan*, 'to be born,' ज *ja*, 'being born.' Their declension follows the first class of nouns at 103.

581. The base of the second class (see 83) is formed from the 3d pers. sing. of the 1st future of primitive verbs, by substituting the vowel ऋ *ṛi* for the final vowel *á*, the nominative case being therefore *identical* with the 3d pers. sing. of that tense (see 386): thus, from भोक्ता *bhoktá*, 'he will eat,' भोक्त्रि *bhoktṛi*, 'an eater;' from योद्धा, 'he will fight,' योद्दृ, 'a fighter;' from याचिता, याचित्रि; from मोदा, मोदृ, &c. They are inflected at 127.

582. The base of the third class is formed in three ways.

a. By adding इन् *in* to the root (see 85. V), before which affix changes take place similar to those required before the causal affix *aya* (481, 482, 483); as, from कृ, कारिन् *kárin*, 'a doer;' from हन् (488), घातिन् *ghátin*, 'a killer;' from श्नी, श्नायिन्, 'a sleeper;' *y* being inserted after roots in *ú* (483); as, from पा, पायिन्, 'a drinker;' from दा, दायिन् *dáyin*, 'a giver.' They are inflected at 159.

b. By adding अक *aka* to the root (see 80. IV), before which affix changes take place analogous to those before the causal *aya* (481, 482, 483); as, from कृ, कारक *káraka*, 'a doer,' 'doing;'; from नी, नायक *náyaka*, 'a leader,' 'leading;'; from ग्रह्, ग्राहक *gráhaka*; from सिध्, साधक; from हन्, घातक; from दुष्, दूषक; from क्रम्, क्रमक; from नन्द्, नन्दक; from स्था, स्थापक.

c. By adding अन *ana* to some few roots ending in consonants (see 80. V), after changes similar to those required before the causal affix; as, from नन्द्, नन्दन *nandana*, 'rejoicing;'; from दुष्, दूषण, 'vitiating;'; from शुध्, शोधन, 'cleansing.'

Observe—The inflection of the last two follows that of the first class of nouns at 103.

EXAMPLES OF PRIMITIVE VERBS IN THE TEN CLASSES, AND OF DERIVATIVE VERBS INFLECTED AT FULL.

583. We begin by giving a synopsis of the inflection of the primitive forms of the ten roots: बुध् *budh*, 'to know,' 1st c.; नृत् *nrit*, 'to dance,' 4th c.; दिश् *dis*, 'to point out,' 6th c.; युज् *yuj*, 'to unite,' 10th c.; विद् *vid*, 'to know,' 2d c.; भृ *bhri*, 'to bear,' 3d c.; भिद् *bhid*, 'to break,' 7th c.; चि *chi*, 'to gather,' 5th c.; तन् *tan*, 'to stretch,' 8th c.; पू *pú*, 'to purify,' 9th c.: grouping together, first, the 1st, 4th, 6th, and 10th classes; then the 2d, 3d, and 7th; and lastly, the 5th, 7th, and 9th, for the reasons stated at 257. In the next place, the passive forms of these ten roots will be synoptically exhibited, followed by the present tense of the causal desiderative and frequentative forms, and the participles. Examples will then be given of primitive verbs of all the ten classes (according to the grouping at 257), *inflected at full*; and under every verb the derivative forms and participles will be indicated. Lastly, a full example will be given of each of the four kinds of derivative verbs, passives, causals, desideratives, and frequentatives.

PRESENT.

ROOT.	PARAMAI-PADA.						ÁTMAÑE-PADA.					
	SING.		DUAL.		PLURAL.		SING.		DUAL.		PLURAL.	
1. <i>Budh</i>	<i>bodhá</i>	<i>bodha</i>	<i>bodhá</i>	<i>bodha</i>	<i>bodhá</i>	<i>bodha</i>	<i>bodhá</i>	<i>bodha</i>	<i>bodhá</i>	<i>bodha</i>	<i>bodhá</i>	<i>bodha</i>
4. <i>Nṛit</i>	<i>nṛityá</i>	<i>nṛitya</i>	<i>nṛityá</i>	<i>nṛitya</i>	<i>nṛityá</i>	<i>nṛitya</i>	<i>nṛityá</i>	<i>nṛitya</i>	<i>nṛityá</i>	<i>nṛitya</i>	<i>nṛityá</i>	<i>nṛitya</i>
6. <i>Dis</i>	<i>disá</i>	<i>disa</i>	<i>disá</i>	<i>disa</i>	<i>disá</i>	<i>disa</i>	<i>disá</i>	<i>disa</i>	<i>disá</i>	<i>disa</i>	<i>disá</i>	<i>disa</i>
10. <i>Yuj</i>	<i>yojayá</i>	<i>yojaya</i>	<i>yojayá</i>	<i>yojaya</i>	<i>yojayá</i>	<i>yojaya</i>	<i>yojayá</i>	<i>yojaya</i>	<i>yojayá</i>	<i>yojaya</i>	<i>yojayá</i>	<i>yojaya</i>
2. <i>Vid</i>	<i>vet*</i>	<i>vet</i>	<i>vid</i>	<i>vit</i>	<i>vid</i>	<i>vit</i>	<i>vid</i>	<i>vit</i>	<i>vid</i>	<i>vit</i>	<i>vid</i>	<i>vit</i>
3. <i>Bhṛi</i>	<i>bibhar</i>	<i>bibhar</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>
7. <i>Bhid</i>	<i>bhinad*</i>	<i>bhinat*</i>	<i>bhind</i>	<i>bhint</i>	<i>bhind</i>	<i>bhint</i>	<i>bhind</i>	<i>bhint</i>	<i>bhind</i>	<i>bhint</i>	<i>bhind</i>	<i>bhint</i>
5. <i>Chi</i>	<i>chino</i>	<i>chino</i>	<i>chinu</i>	<i>chinu</i>	<i>chinu</i>	<i>chinu</i>	<i>chinu</i>	<i>chinu</i>	<i>chinu</i>	<i>chinu</i>	<i>chinu</i>	<i>chinu</i>
8. <i>Tan</i>	<i>tano</i>	<i>tano</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>
9. <i>Pá</i>	<i>puná</i>	<i>puná*</i>	<i>puná</i>	<i>puná</i>	<i>puná</i>	<i>puná</i>	<i>puná</i>	<i>puná</i>	<i>puná</i>	<i>puná</i>	<i>puná</i>	<i>puná</i>
1. 4. 6. 10. } 2. 3. 7. 5. 8. 9. }	* <i>si</i>	<i>ti</i>	<i>vas</i>	<i>thas</i>	<i>tas</i>	<i>nṛi</i>	<i>* se</i>	<i>te</i>	<i>ithe</i>	<i>ite</i>	<i>nṛi</i>	<i>nte</i>
	<i>mi</i>		<i>mas</i>	<i>tha</i>	<i>anti</i>	<i>e</i>	<i>she</i>	<i>vahē</i>	<i>áthe</i>	<i>áthe</i>	<i>dhue</i>	<i>ate</i>

Observe—The base is to be united with the terminations: thus, 1st sing. Pres. Paramai, *bodhá + mi = bodhāmi*, 2d sing. *bodha + si = bodhasi*, 3d sing. *bodha + ti = bodhati*; 1st dual, *bodhá + vas = bodhāvas*, &c. Átmane, *bodha + i = bodhe*, *bodha + se = bodhasē*, &c. Observe also, that whenever the terminations of the 1st, 4th, 6th, and 10th classes differ from those of the others, they are placed in the upper line. *Bhṛi* will make *bibhṛati*, not *bibhranti*, in 3d pl.

POTENTIAL.

ROOT.	PARAMAI-PADA.						ĀTMANE-PADA.								
	SING.		DUAL.		PLURAL.		SING.		DUAL.		PLURAL.				
1. <i>Budh</i>	<i>bodha</i>	<i>bodha</i>	<i>bodha</i>	<i>bodha</i>	<i>bodha</i>	<i>bodha</i>	<i>bodha</i>	<i>bodha</i>	<i>bodha</i>	<i>bodha</i>	<i>bodha</i>	<i>bodha</i>			
4. <i>Nṛit</i>	<i>nṛitya</i>	<i>nṛitya</i>	<i>nṛitya</i>	<i>nṛitya</i>	<i>nṛitya</i>	<i>nṛitya</i>	<i>nṛitya</i>	<i>nṛitya</i>	<i>nṛitya</i>	<i>nṛitya</i>	<i>nṛitya</i>	<i>nṛitya</i>			
6. <i>Dis</i>	<i>disa</i>	<i>disa</i>	<i>disa</i>	<i>disa</i>	<i>disa</i>	<i>disa</i>	<i>disa</i>	<i>disa</i>	<i>disa</i>	<i>disa</i>	<i>disa</i>	<i>disa</i>			
10. <i>Yuj</i>	<i>yojaya</i>	<i>yojaya</i>	<i>yojaya</i>	<i>yojaya</i>	<i>yojaya</i>	<i>yojaya</i>	<i>yojaya</i>	<i>yojaya</i>	<i>yojaya</i>	<i>yojaya</i>	<i>yojaya</i>	<i>yojaya</i>			
2. <i>Vid</i>	<i>vid</i>	<i>vid</i>	<i>vid</i>	<i>vid</i>	<i>vid</i>	<i>vid</i>	<i>vid</i>	<i>vid</i>	<i>vid</i>	<i>vid</i>	<i>vid</i>	<i>vid</i>			
3. <i>Bhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>			
7. <i>Bhid</i>	<i>bhind</i>	<i>bhind</i>	<i>bhind</i>	<i>bhind</i>	<i>bhind</i>	<i>bhind</i>	<i>bhind</i>	<i>bhind</i>	<i>bhind</i>	<i>bhind</i>	<i>bhind</i>	<i>bhind</i>			
5. <i>Chi</i>	<i>chinn</i>	<i>chinn</i>	<i>chinn</i>	<i>chinn</i>	<i>chinn</i>	<i>chinn</i>	<i>chinn</i>	<i>chinn</i>	<i>chinn</i>	<i>chinn</i>	<i>chinn</i>	<i>chinn</i>			
8. <i>Tan</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>			
9. <i>Pá</i>	<i>puní</i>	<i>puní</i>	<i>puní</i>	<i>puní</i>	<i>puní</i>	<i>puní</i>	<i>puní</i>	<i>puní</i>	<i>puní</i>	<i>puní</i>	<i>puní</i>	<i>puní</i>			
1. 4. 6. 10. }	<i>iyam</i>	<i>is</i>	<i>it</i>	<i>iva</i>	<i>itam</i>	<i>itám</i>	<i>ima</i>	<i>ita</i>	<i>iyus</i>	} <i>íya</i> <i>íthás</i> <i>íta</i>					
2. 3. 7. 5. 8. 9. }	<i>yám</i>	<i>yás</i>	<i>yát</i>	<i>yáva</i>	<i>yátam</i>	<i>yátám</i>	<i>yáma</i>	<i>yáta</i>	<i>yus</i>				<i>ívahi</i>	<i>íyáthám</i>	<i>íyátám</i>

Observe—As the base in the 1st group of conjugations ends in *a*, and the terminations begin with *i*, these two vowels will blend into *e* by 32: thus, *bodha* + *iyam* = *bodheyam*, *bodha* + *is* = *bodhes*, &c.; *Ātmane*, *bodha* + *íya* = *bodheya*.

IMPERATIVE.

ROOT.	PARASMAI-PADA.						ĀTMANE-PADA.						
	SING.		DUAL.		PLURAL.		SING.		DUAL.		PLURAL.		
1. <i>Budh</i>	<i>bodha</i>	<i>bodha</i>	<i>bodha</i>	<i>bodha</i>	<i>bodha</i>	<i>bodha</i>	<i>bodha</i>	<i>bodha</i>	<i>bodha</i>	<i>bodha</i>	<i>bodha</i>	<i>bodha</i>	<i>bodha</i>
4. <i>Nṛit</i>	<i>nṛitya</i>	<i>nṛitya</i>	<i>nṛitya</i>	<i>nṛitya</i>	<i>nṛitya</i>	<i>nṛitya</i>	<i>nṛitya</i>	<i>nṛitya</i>	<i>nṛitya</i>	<i>nṛitya</i>	<i>nṛitya</i>	<i>nṛitya</i>	<i>nṛitya</i>
6. <i>Dīś</i>	<i>dīśa</i>	<i>dīśa</i>	<i>dīśa</i>	<i>dīśa</i>	<i>dīśa</i>	<i>dīśa</i>	<i>dīśa</i>	<i>dīśa</i>	<i>dīśa</i>	<i>dīśa</i>	<i>dīśa</i>	<i>dīśa</i>	<i>dīśa</i>
10. <i>Yuj</i>	<i>yojaya</i>	<i>yojaya</i>	<i>yojaya</i>	<i>yojaya</i>	<i>yojaya</i>	<i>yojaya</i>	<i>yojaya</i>	<i>yojaya</i>	<i>yojaya</i>	<i>yojaya</i>	<i>yojaya</i>	<i>yojaya</i>	<i>yojaya</i>
2. <i>Vid</i>	<i>vet</i>	<i>vet</i>	<i>vet</i>	<i>vet</i>	<i>vet</i>	<i>vet</i>	<i>vet</i>	<i>vet</i>	<i>vet</i>	<i>vet</i>	<i>vet</i>	<i>vet</i>	<i>vet</i>
3. <i>Bhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>	<i>bibhṛi</i>
7. <i>Bhūd</i>	<i>bhinad</i>	<i>bhinad</i>	<i>bhinad</i>	<i>bhinad</i>	<i>bhinad</i>	<i>bhinad</i>	<i>bhinad</i>	<i>bhinad</i>	<i>bhinad</i>	<i>bhinad</i>	<i>bhinad</i>	<i>bhinad</i>	<i>bhinad</i>
5. <i>Chī</i>	<i>chinar</i>	<i>chīnu*</i>	<i>chīno</i>	<i>chīnu</i>	<i>chīnu</i>	<i>chīnu</i>	<i>chīnu</i>	<i>chīnu</i>	<i>chīnu</i>	<i>chīnu</i>	<i>chīnu</i>	<i>chīnu</i>	<i>chīnu</i>
8. <i>Tan</i>	<i>tanar</i>	<i>tanu*</i>	<i>tano</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>	<i>tanu</i>
9. <i>Pá</i>	<i>paná</i>	<i>paná</i>	<i>paná</i>	<i>paná</i>	<i>paná</i>	<i>paná</i>	<i>paná</i>	<i>paná</i>	<i>paná</i>	<i>paná</i>	<i>paná</i>	<i>paná</i>	<i>paná</i>
1. 4. 6. 10.	* —						<i>* swa</i>	<i>itám</i>	<i>itám</i>	<i>itám</i>	<i>itám</i>	<i>itám</i>	<i>itám</i>
	<i>áui</i>	<i>tu</i>	<i>áca</i>	<i>tan</i>	<i>tám</i>	<i>áma</i>	<i>ta</i>	<i>áui</i>	<i>tám</i>	<i>áui</i>	<i>áthám</i>	<i>áthám</i>	<i>áthám</i>
2. 3. 7. 5. 8. 9.	<i>hī</i>						<i>shwa</i>						
	<i>†dhi</i>												

Observe—In the 2d sing., Parasmai, the roots of the 5th and 8th conj. are like those of the 1st group, and make *chīnu*, *tanu*, and make *chīnu*, *tanu*, rejecting the termination. The 2d and 7th take *dhi* for *hi* by 29I, and make *viddhi*, *bhiddhi*. *Bhṛi* makes *bibhṛatu* for *bibhṛantu* in 3d pl. In the Ātmane, *bodha* + *ai* = *bodhai* by 33, *bodha* + *itám* = *bodhethám* by 32.

FIRST PRETERITE.

ROOT.	PARAMSAI-PADA.						ĀTMANE-PADA.					
	SING.		DUAL.		PLURAL.		SING.		DUAL.		PLURAL.	
1. <i>Budh</i>	<i>abodha</i>	<i>abodha</i>	<i>abodhá</i>	<i>abodha</i>	<i>abodha</i>	<i>abodha</i>	<i>abodha</i>	<i>abodha</i>	<i>abodhá</i>	<i>abodha</i>	<i>abodhá</i>	<i>abodha</i>
4. <i>Nrit</i>	<i>anritya</i>	<i>anritya</i>	<i>anrityá</i>	<i>anritya</i>	<i>anritya</i>	<i>anritya</i>	<i>anritya</i>	<i>anritya</i>	<i>anrityá</i>	<i>anritya</i>	<i>anrityá</i>	<i>anritya</i>
6. <i>Dis</i>	<i>adisá</i>	<i>adisá</i>	<i>adisá</i>	<i>adisá</i>	<i>adisá</i>	<i>adisá</i>	<i>adisá</i>	<i>adisá</i>	<i>adisá</i>	<i>adisá</i>	<i>adisá</i>	<i>adisá</i>
10. <i>Yuj</i>	<i>ayojaya</i>	<i>ayojaya</i>	<i>ayojayá</i>	<i>ayojaya</i>	<i>ayojaya</i>	<i>ayojaya</i>	<i>ayojaya</i>	<i>ayojaya</i>	<i>ayojayá</i>	<i>ayojaya</i>	<i>ayojayá</i>	<i>ayojaya</i>
2. <i>Vid</i>	<i>aret</i>	<i>aret</i>	<i>arid</i>	<i>arid</i>	<i>arid</i>	<i>arid</i> *	<i>arid</i>	<i>arid</i>	<i>arid</i>	<i>arid</i>	<i>arid</i>	<i>arid</i>
3. <i>Bhri</i>	<i>abibhar</i>	<i>abibhar</i>	<i>abibhri</i>	<i>abibhri</i>	<i>abibhri</i>	<i>abibhar*</i>	<i>abibhri</i>	<i>abibhri</i>	<i>abibhri</i>	<i>abibhri</i>	<i>abibhri</i>	<i>abibhri</i>
7. <i>Bhid</i>	<i>abhinat</i>	<i>abhinat</i>	<i>abhinat</i>	<i>abhinat</i>	<i>abhinat</i>	<i>abhinat</i>	<i>abhinat</i>	<i>abhinat</i>	<i>abhinat</i>	<i>abhinat</i>	<i>abhinat</i>	<i>abhinat</i>
5. <i>Chi</i>	<i>achinar</i>	<i>achino</i>	<i>achino</i>	<i>achino</i>	<i>achino</i>	<i>achino</i>	<i>achino</i>	<i>achino</i>	<i>achino</i>	<i>achino</i>	<i>achino</i>	<i>achino</i>
8. <i>Tan</i>	<i>atanav</i>	<i>atano</i>	<i>atano</i>	<i>atano</i>	<i>atano</i>	<i>atano</i>	<i>atano</i>	<i>atano</i>	<i>atano</i>	<i>atano</i>	<i>atano</i>	<i>atano</i>
9. <i>Pá</i>	<i>apuná</i>	<i>apuná</i>	<i>apuná</i>	<i>apuná</i>	<i>apuná</i>	<i>apuná</i>	<i>apuná</i>	<i>apuná</i>	<i>apuná</i>	<i>apuná</i>	<i>apuná</i>	<i>apuná</i>
1. 4. 6. 10. } <i>m</i>	<i>s</i>	<i>t</i>	<i>ra</i>	<i>tan</i>	<i>tám</i>	<i>ma</i>	<i>ta</i>	<i>n</i>	<i>i</i>	<i>thás</i>	<i>ta</i>	<i>ithám</i>
2. 3. 7. 5. 8. 9. } <i>am</i>												<i>itám</i>
												<i>áthám</i>
												<i>ntu</i>
												<i>mahi</i>
												<i>shvam</i>
												<i>ata</i>

Observe—In the 2d and 3d sing., Paramsai, the roots of the 2d group reject the terminations by 292 : thus, 2d and 3d sing., *aret*, *abibhar*, *abhinat*. In the Ātmane the final *a* of the bases of the roots of the 1st group will blend with the initial *i* of a termination into *e* by 32.

SECOND PRETERITE.

ROOT.	PARASMAI-PADA.						ĀTMANE-PADA.						
	SING.		DUAL.		PLURAL.		SING.		DUAL.		PLURAL.		
1. <i>Budh</i>	<i>bubodh</i>	<i>bubodh</i>	<i>bubodh</i>	<i>bubodh</i>	<i>bubodh</i>	<i>bubodh</i>	<i>bubodh</i>	<i>bubodh</i>	<i>bubodh</i>	<i>bubodh</i>	<i>bubodh</i>	<i>bubodh</i>	
4. <i>Nṛit</i>	<i>nanart</i>	<i>nanart</i>	<i>nanart</i>	<i>nanart</i>	<i>nanart</i>	<i>nanart</i>	<i>nanart</i>	<i>nanart</i>	<i>nanart</i>	<i>nanart</i>	<i>nanart</i>	<i>nanart</i>	
6. <i>Diś</i>	<i>dides</i>	<i>dides</i>	<i>dides</i>	<i>dides</i>	<i>dides</i>	<i>dides</i>	<i>dides</i>	<i>dides</i>	<i>dides</i>	<i>dides</i>	<i>dides</i>	<i>dides</i>	
10. <i>Yuj</i>	<i>yoyaj†</i>	<i>yoyaj†</i>	<i>yoyaj†</i>	<i>yoyaj†</i>	<i>yoyaj†</i>	<i>yoyaj†</i>	<i>yoyaj†</i>	<i>yoyaj†</i>	<i>yoyaj†</i>	<i>yoyaj†</i>	<i>yoyaj†</i>	<i>yoyaj†</i>	
2. <i>Vid</i>	<i>vived</i>	<i>vived</i>	<i>vivid</i>	<i>vivid</i>	<i>vivid</i>	<i>vivid</i>	<i>vivid</i>	<i>vivid</i>	<i>vivid</i>	<i>vivid</i>	<i>vivid</i>	<i>vivid</i>	
3. <i>Bhri*</i>	<i>babhār</i>	<i>babhār*</i>	<i>babhār</i>	<i>babhār*</i>	<i>babhār</i>	<i>babhār*</i>	<i>babhār*</i>	<i>babhār*</i>	<i>babhār</i>	<i>babhār*</i>	<i>babhār*</i>	<i>babhār*</i>	
7. <i>Bhid</i>	<i>bibhed</i>	<i>bibhed</i>	<i>bibhid</i>	<i>bibhid</i>	<i>bibhid</i>	<i>bibhid</i>	<i>bibhid</i>	<i>bibhid</i>	<i>bibhid</i>	<i>bibhid</i>	<i>bibhid</i>	<i>bibhid</i>	
5. <i>Chi</i>	<i>chicháy</i>	<i>chicháy</i>	<i>chicháy</i>	<i>chicháy</i>	<i>chicháy</i>	<i>chicháy</i>	<i>chicháy</i>	<i>chicháy</i>	<i>chicháy</i>	<i>chicháy</i>	<i>chicháy</i>	<i>chicháy</i>	
8. <i>Tau</i>	<i>tatán</i>	<i>tatán</i>	<i>ten</i>	<i>ten</i>	<i>ten</i>	<i>ten</i>	<i>ten</i>	<i>ten</i>	<i>ten</i>	<i>ten</i>	<i>ten</i>	<i>ten</i>	
9. <i>Pá</i>	<i>pupáv</i>	<i>pupáv</i>	<i>pupav</i>	<i>pupav</i>	<i>pupav</i>	<i>pupav</i>	<i>pupav</i>	<i>pupav</i>	<i>pupav</i>	<i>pupav</i>	<i>pupav</i>	<i>pupav</i>	
	<i>a</i>	<i>itha a</i>	<i>iva</i>	<i>athus</i>	<i>atús</i>	<i>ima a</i>	<i>us</i>	<i>e</i>	<i>ishe e</i>	<i>ivahe e</i>	<i>áthe áte</i>	<i>inahe áthe áte</i>	<i>ire</i>
		<i>*tha</i>	<i>*va</i>			<i>*ma</i>		<i>*she</i>	<i>*rahe</i>			<i>*mahe *dhwe</i>	

† The syllable *ám* must be added to *yoyaj* throughout; and the base of the second preterites of *as*, *bhú*, or *kri*, must be affixed to *yoyajám*: thus, 1st sing. *yoyajámás + a* or *yoyajámabhár + a* or *yoyajámachakár + a*; see 385, *a*. Some of the above roots may optionally take *tha* as well as *itha* in the 2d sing.: thus, *diś* makes *didesitha* or *didesitha*; *bhid* makes *bibheditha* or *bibheditha*; *chi* makes *chicháyitha* or *chichetha*; but *bhri* makes only *babhārtha*, see p. 107.

FIRST FUTURE.

ROOT.	BASE.	PAR. TERM.	ÁTM. TERM.
1. <i>Budh</i>	<i>bodhi*</i>	<i>tásmi</i>	<i>táhe</i>
4. <i>Nṛit</i>	<i>narti</i>	<i>tási</i>	<i>táse</i>
6. <i>Dis</i>	<i>desh</i>	<i>tá</i>	<i>tá</i>
10. <i>Yuj</i>	<i>yojayi</i>	—	—
2. <i>Vid</i>	<i>vedi</i>	<i>tásvas</i>	<i>tásvahe</i>
3. <i>Bhri</i>	<i>bhar</i>	<i>tásthas</i>	<i>tástáthe</i>
7. <i>Bhid</i>	<i>bhet</i>	<i>tárau</i>	<i>tárau</i>
5. <i>Chi</i>	<i>che</i>	<i>tásmas</i>	<i>tásmahe</i>
8. <i>Tan</i>	<i>tani</i>	<i>tástha</i>	<i>tádhae</i>
9. <i>Pá</i>	<i>pavi</i>	<i>táras</i>	<i>táras</i>

* Note, that *budh* also forms *boddháhe* &c. in Átm. by 405. After *desh* the *t* of the terminations will become *t* by 300.

SECOND FUTURE.

ROOT.	BASE.	PAR. TERM.	ÁTM. TERM.
1. <i>Budh</i>	<i>bodhi*</i>	<i>shyáni</i>	<i>shye</i>
4. <i>Nṛit</i>	<i>narti</i>	<i>shyasi</i>	<i>shyase</i>
6. <i>Dis</i>	<i>dek</i>	<i>shyati</i>	<i>shyate</i>
10. <i>Yuj</i>	<i>yojayi</i>	—	—
2. <i>Vid</i>	<i>vedi</i>	<i>shyávas</i>	<i>shyávahe</i>
3. <i>Bhri</i>	<i>bhari</i>	<i>shyathas</i>	<i>shyethe</i>
7. <i>Bhid</i>	<i>bhet*</i>	<i>shyatas</i>	<i>shyete</i>
5. <i>Chi</i>	<i>che</i>	<i>shyámas</i>	<i>shyámahe</i>
8. <i>Tan</i>	<i>tani</i>	<i>shyatha</i>	<i>shyadhve</i>
9. <i>Pá</i>	<i>pavi</i>	<i>shyanti</i>	<i>shyante</i>

* Note, that *budh* also forms *bhotsye* &c. in Átm. (see 405); and that after *bhet* the terminations will be *syáni* &c.

THIRD PRETERITE.

FORM I.			FORM II.		
ROOT.	BASE.	PAR. TERM. ÁTM. TERM.	ROOT.	BASE.	PAR. TERM. ÁTM. TERM.
1. <i>Budh</i>	<i>abodhi †</i>	<i>sham</i> <i>shís or †ís</i> <i>shít or †ít</i>	6. <i>Dis</i>	<i>adiksh</i>	<i>am</i> <i>as</i> <i>at</i>
4. <i>Nrit</i>	<i>anarti †</i>	<i>shwa</i> <i>shítam</i> <i>shítám</i>	10. <i>Yuj</i>	<i>ayáyuj *</i>	<i>i or *e</i> <i>athás</i> <i>ata</i>
2. <i>Vid</i>	<i>avedi †</i>	<i>shwahi</i> <i>sháthám</i> <i>shítám</i>	7. <i>Bhid</i> follows this form in Parasm., but not in Átm.	<i>abhid</i>	<i>áva</i> <i>atam</i> <i>átám or *etám</i>
3. <i>Bhri</i>	{ Par. <i>abhár</i> Átm. <i>abhri *</i>	<i>shma</i> <i>shíta</i> <i>shus</i>			<i>átám or *etám</i>
5. <i>Chi</i>	{ Par. <i>achai</i> Átm. <i>ache</i>	<i>shama</i> <i>dhvam or *dhvam</i> <i>shata</i>			<i>áma</i> <i>ata</i> <i>an</i>
8. <i>Tan</i>	{ Par. <i>atáni †</i> Átm. <i>atani</i>	Note, that <i>bhid</i> , 7th c., follows this form in Átmane, and makes <i>abhítsi</i> , <i>abhítthás</i> , <i>abhítta</i> , &c., by			<i>adhvam</i> <i>anta</i>
9. <i>Pú</i>	{ Par. <i>apári †</i> Átm. <i>apari</i>	419. <i>Tan</i> may make <i>atathás</i> , &c., as well as <i>atanishthás</i> . See 426. b.			Note, that <i>bhid</i> follows form I. in Átmane.

BENEDICTIVE.

CONDITIONAL.

INFINITIVE.

ROOT.	BASE.	PAR. TERM.	BASE.	ÁTM. TERM.
1. <i>Budh</i>	<i>budh</i>	<i>yásam</i>	<i>bodhi</i>	<i>shíya</i>
4. <i>Nṛit</i>	<i>nṛit</i>	<i>yás</i>	<i>narti</i>	<i>shishihás</i>
6. <i>Dis</i>	<i>dis</i>	<i>yát</i>	<i>dik</i>	<i>shashṭa</i>
10. <i>Yuj</i>	<i>yuj</i>	<i>yáswa</i>	<i>yojayi</i>	<i>shívahi</i>
2. <i>Vid</i>	<i>vid</i>	<i>yástam</i>	<i>vedi</i>	<i>shiyástám</i>
3. <i>Bhri</i>	<i>bhri</i>	<i>yástám</i>	<i>bhri</i>	<i>shiyástám</i>
7. <i>Bhid</i>	<i>bhid</i>	<i>yásma</i>	<i>bhit*</i>	<i>shímahi</i>
5. <i>Chi</i>	<i>chí</i>	<i>yásta</i>	<i>che</i>	<i>sháhwam</i>
8. <i>Tan</i>	<i>tan</i>	<i>yásus</i>	<i>tani</i>	<i>shíran</i>
9. <i>Pú</i>	<i>pú</i>		<i>pavi</i>	* Note, that after <i>bhit</i> the terminations will be <i>siya</i> &c.

ROOT.	BASE.	PAR. TERM.	BASE.	ÁTM. TERM.
1. <i>Budh</i>	<i>abodhi</i>	<i>shyam</i>	<i>shye</i>	<i>shyathás</i>
4. <i>Nṛit</i>	<i>anarti</i>	<i>shyas</i>	<i>shyata</i>	<i>shyárahí</i>
6. <i>Dis</i>	<i>adek</i>	<i>shyat</i>	<i>shyárahí</i>	<i>shyethám</i>
10. <i>Yuj</i>	<i>ayojayi</i>	<i>shyára</i>	<i>shyethám</i>	<i>shyetám</i>
2. <i>Vid</i>	<i>avedi</i>	<i>shyatam</i>	<i>shyámahi</i>	<i>shyadhvam</i>
3. <i>Bhri</i>	<i>abhari</i>	<i>shyatám</i>	<i>shyanta</i>	<i>shyan</i>
7. <i>Bhid</i>	<i>abbhet*</i>	<i>shyáma</i>	* Note, that after <i>abbhet</i> the terminations will be <i>syam</i> &c.	
5. <i>Chi</i>	<i>ache</i>	<i>shyan</i>		
8. <i>Tan</i>	<i>atani</i>			
9. <i>Pú</i>	<i>apavi</i>			

ROOT.	BASE.	TERM.
1. <i>Budh</i>	<i>bodhi</i>	<i>tum</i>
4. <i>Nṛit</i>	<i>narti</i>	or * <i>tum</i>
6. <i>Dis</i>	<i>desh*</i>	after <i>desh</i>
10. <i>Yuj</i>	<i>yojayi</i>	by 300.
2. <i>Vid</i>	<i>vedi</i>	
3. <i>Bhri</i>	<i>bhar</i>	
7. <i>Bhid</i>	<i>bhet</i>	
5. <i>Chi</i>	<i>che</i>	
8. <i>Tan</i>	<i>tani</i>	
9. <i>Pú</i>	<i>pavi</i>	

INFLECTION OF THE BASE OF PASSIVE VERBS FROM THE SAME TEN ROOTS.

PRESENT.

ROOT.	BASE.	TERM.
1. <i>Budh</i>	{ <i>budhya</i> <i>budhyá*</i> }	<i>i</i>
4. <i>Nṛit</i>	{ <i>nṛitya</i> <i>nṛityá*</i> }	<i>se</i>
6. <i>Diś</i>	{ <i>diśya</i> <i>diśyá*</i> }	<i>te</i>
10. <i>Yuj</i>	{ <i>yojya</i> <i>yojyá*</i> }	<i>*vohē</i>
2. <i>Vid</i>	{ <i>vidya</i> <i>vidyá*</i> }	<i>ithe</i>
3. <i>Bhṛi</i>	{ <i>bhṛiya</i> <i>bhṛiyá*</i> }	<i>ite</i>
7. <i>Bhid</i>	{ <i>bhidya</i> <i>bhidyá*</i> }	—
5. <i>Chi</i>	{ <i>chīya</i> <i>chīyá*</i> }	<i>*mahē</i>
8. <i>Tan</i>	{ <i>tanya</i> <i>tanyá*</i> }	<i>dhuc</i>
9. <i>Pú</i>	{ <i>pūya</i> <i>pūyá*</i> }	<i>nte</i>

POTENTIAL.

ROOT.	BASE.	TERM.
1. <i>Budh</i>	<i>budhya</i>	<i>īya</i>
4. <i>Nṛit</i>	<i>nṛitya</i>	<i>īthás</i>
6. <i>Diś</i>	<i>diśya</i>	<i>īta</i>
10. <i>Yuj</i>	<i>yojya</i>	<i>īvahi</i>
2. <i>Vid</i>	<i>vidya</i>	<i>īyátám</i>
3. <i>Bhṛi</i>	<i>bhṛiya</i>	<i>īyátám</i>
7. <i>Bhid</i>	<i>bhidya</i>	—
5. <i>Chi</i>	<i>chīya</i>	<i>īmahi</i>
8. <i>Tan</i>	<i>tanya</i>	<i>īdhwan</i>
9. <i>Pú</i>	<i>pūya</i>	<i>īran</i>

IMPERATIVE.

ROOT.	BASE.	TERM.
1. <i>Budh</i>	<i>budhya</i>	<i>ai</i>
4. <i>Nṛit</i>	<i>nṛitya</i>	<i>swa</i>
6. <i>Diś</i>	<i>diśya</i>	<i>tám</i>
10. <i>Yuj</i>	<i>yojya</i>	<i>ávahai</i>
2. <i>Vid</i>	<i>vidya</i>	<i>ithám</i>
3. <i>Bhṛi</i>	<i>bhṛiya</i>	<i>itám</i>
7. <i>Bhid</i>	<i>bhidya</i>	—
5. <i>Chi</i>	<i>chīya</i>	<i>ámahai</i>
8. <i>Tan</i>	<i>tanya</i>	<i>dhwan</i>
9. <i>Pú</i>	<i>pūya</i>	<i>ntám</i>

FIRST PRETERITE.

ROOT.	BASE.	TERM.
1. <i>Budh</i>	{ <i>abudhya</i> <i>abudhyá*</i> }	<i>i</i>
4. <i>Nṛit</i>	{ <i>anṛitya</i> <i>anṛityá*</i> }	<i>thás</i>
6. <i>Diś</i>	{ <i>adiśya</i> <i>adiśyá*</i> }	<i>ta</i>
10. <i>Yuj</i>	{ <i>ayojya</i> <i>ayojyá*</i> }	—
2. <i>Vid</i>	{ <i>avidya</i> <i>avidyá*</i> }	<i>*vahi</i>
3. <i>Bhṛi</i>	{ <i>abhṛiya</i> <i>abhṛiyá*</i> }	<i>ithám</i>
7. <i>Bhid</i>	{ <i>abhidya</i> <i>abhidyá*</i> }	<i>itám</i>
5. <i>Chi</i>	{ <i>achīya</i> <i>achīyá*</i> }	—
8. <i>Tan</i>	{ <i>atanya</i> <i>atanyá*</i> }	<i>*mahī</i>
9. <i>Pú</i>	{ <i>apūya</i> <i>apūyá*</i> }	<i>dhwan</i>
		<i>nta</i>

SECOND FUTURE.

ROOT.	BASE.	TERM.
1. <i>Budh</i>	<i>bodhi</i>	<i>shye</i>
4. <i>Nṛit</i>	<i>narti</i>	<i>shyase</i>
6. <i>Diś</i>	<i>dek (302)</i>	<i>shyate</i>
10. <i>Yuj</i>	<i>yoyaji or yoji</i>	<i>shyācāhe</i>
2. <i>Vid</i>	<i>vedi</i>	<i>shyethe</i>
3. <i>Bhṛi</i>	<i>bhāri or bhari</i>	<i>shyete</i>
7. <i>Bhid</i>	<i>bhet</i>	
5. <i>Chi</i>	<i>chāyi or che</i>	<i>shyāmahe</i>
8. <i>Tau</i>	<i>tani</i>	<i>shyadhāce</i>
9. <i>Pá</i>	<i>pāvi or pari</i>	<i>shyante</i>

FIRST FUTURE.

ROOT.	BASE.	TERM.
1. <i>Budh</i>	<i>bodhi</i>	<i>tāhe</i>
4. <i>Nṛit</i>	<i>narti</i>	<i>tāse</i>
6. <i>Diś</i>	<i>desh (300)</i>	<i>tá</i>
10. <i>Yuj</i>	<i>yoyaji or yoji</i>	<i>tāsācāhe</i>
2. <i>Vid</i>	<i>vedi</i>	<i>tāsāthe</i>
3. <i>Bhṛi</i>	<i>bhāri or bhari</i>	<i>tārau</i>
7. <i>Bhid</i>	<i>bhet</i>	
5. <i>Chi</i>	<i>chāyi or che</i>	<i>tāmahe</i>
8. <i>Tau</i>	<i>tani</i>	<i>tādhāce</i>
9. <i>Pá</i>	<i>pāvi or pari</i>	<i>tāras</i>

SECOND PRETERITE.

ROOT.	BASE.	TERM.
1. <i>Budh</i>	<i>bubudh</i>	<i>e</i>
4. <i>Nṛit</i>	<i>nunṛit</i>	<i>ishe</i>
6. <i>Diś</i>	<i>didis</i>	<i>e</i>
10. <i>Yuj</i>	<i>yoyajánás</i>	<i>irāhe</i>
2. <i>Vid</i>	<i>vidid</i>	<i>āthe</i>
3. <i>Bhṛi</i>	<i>bubhr</i>	<i>āte</i>
7. <i>Bhid</i>	<i>bibhid</i>	
5. <i>Chi</i>	<i>chichy</i>	<i>imāhe</i>
8. <i>Tau</i>	<i>ten</i>	<i>idhāce</i>
9. <i>Pá</i>	<i>papar</i>	<i>ire</i>

THIRD PRETERITE.

ROOT.	BASE.	TERM.	BASE OF TERM. 3D SING.	TERM.
1. <i>Budh</i>	<i>abodhi</i>	<i>shi</i>	<i>abodh</i>	* Observe—After <i>abhit</i> the initial <i>sh</i> of the termination takes the dental form <i>s</i> , in this and the following tenses.
4. <i>Nṛit</i>	<i>anarti</i>	<i>shthás</i>	<i>anart</i>	Again, <i>adikand abhit</i> reject the sibilant from <i>shthás</i> , and become <i>adig</i> and <i>abhid</i> before <i>dhwam</i> : thus, <i>adikshi</i> , <i>adiktthás</i> , <i>adesi</i> , <i>adikshwahi</i> , <i>adikshathám</i> , <i>adiktshátáni</i> , <i>adiktshwam</i> , <i>adiktshata</i> . So also, <i>abhítsi</i> , <i>abhitthás</i> , <i>abhedí</i> , <i>abhítswahi</i> , &c. (419, 475- <i>a</i>).
6. <i>Dis</i>	<i>adik*</i>	—	<i>ades</i>	
10. <i>Yuj</i>	{ <i>ayojayi</i> (496. <i>b</i>) or <i>ayoji</i>	<i>shwahi</i>	<i>ayoj</i>	
2. <i>Vid</i>	<i>avedi</i>	<i>shathám</i>	<i>aved</i>	
3. <i>Bhri</i>	{ <i>abhári</i> or <i>abhri</i> (421)	<i>shátám</i>	<i>abhár</i>	
7. <i>Bhid</i>	<i>abhit*</i>	—	<i>abhed</i>	
5. <i>Chi</i>	<i>acháyi</i> or <i>ache</i>	<i>shwahi</i>	<i>acháy</i>	
8. <i>Tau</i>	<i>atani</i>	<i>dhwam</i>	<i>atáu</i>	
9. <i>Pá</i>	<i>apávi</i> or <i>apavi</i>	<i>shata</i>	<i>apáv</i>	

BENEDICTIVE.

ROOT.	BASE.	TERM.
1. <i>Budh</i>	<i>bodhi</i>	<i>shya</i>
4. <i>Nṛit</i>	<i>narti</i>	<i>shshthás</i>
6. <i>Dis</i>	<i>dik</i>	<i>shshtha</i>
10. <i>Yuj</i>	<i>yojayi</i> or <i>yoji</i>	<i>shwahi</i>
2. <i>Vid</i>	<i>vedi</i>	<i>shiyásthám</i>
3. <i>Bhri</i>	<i>bhári</i> or <i>bhri</i>	<i>shiyástám</i>
7. <i>Bhid</i>	<i>bhit</i>	<i>shinahi</i>
5. <i>Chi</i>	<i>cháyi</i> or <i>che</i>	<i>shidhwam</i>
8. <i>Tau</i>	<i>tani</i>	<i>shíran</i>
9. <i>Pá</i>	<i>pávi</i> or <i>pavi</i>	

CONDITIONAL.

ROOT.	BASE.	TERM.
1. <i>Budh</i>	<i>abodhi</i>	<i>shye</i>
4. <i>Nṛit</i>	<i>anarti</i>	<i>shyathás</i>
6. <i>Dis</i>	<i>adek</i>	<i>shyata</i>
10. <i>Yuj</i>	<i>ayojayi</i> or <i>ayoji</i>	<i>shyáwahi</i>
2. <i>Vid</i>	<i>avedi</i>	<i>shyethám</i>
3. <i>Bhri</i>	<i>abhári</i> or <i>abhari</i>	<i>shyétám</i>
7. <i>Bhid</i>	<i>abhet</i>	<i>shyámahi</i>
5. <i>Chi</i>	<i>acháyi</i> or <i>ache</i>	<i>shyadhvam</i>
8. <i>Tau</i>	<i>atani</i>	<i>shyanta</i>
9. <i>Pá</i>	<i>apávi</i> or <i>apavi</i>	

CAUSAL FORM.
PRESENT TENSE.

ROOT.	BASE.	PAR. TERM.	ÁTM. TERM.
1. <i>Budh</i>	{ bodbhaya bodbhayá* }	* mi	i
4. <i>Nṛit</i>	{ nartaya nartayá* }	si	se
6. <i>Diś</i>	{ desāya desāyá* }	ti	te
10. <i>Yuj</i>	{ yojaya yojayá* }	* ras	* rāhe
		thas	ithe
2. <i>Vid</i>	{ vedaya vedayá* }	tas	ite
3. <i>Bhṛi</i>	{ bhārāya bhārayá* }	* mas	* māhe
7. <i>Bhid</i>	{ bhedaya bhedayá* }	tha	dhwe
5. <i>Chi</i>	{ chāpāya chāpayá* }	nti	nte
8. <i>Tan</i>	{ tānāya tānayá* }		
9. <i>Pú</i>	{ pācāya pācayá* }		

DESIDERATIVE FORM.
PRESENT TENSE.

ROOT.	BASE.	PAR. TERM.	ÁTM. TERM.
1. <i>Budh</i>	{ bubodhisha bubodhishá* }	* mi	i
4. <i>Nṛit</i>	{ ninartisha ninartishá* }	si	se
6. <i>Diś</i>	{ didiksha didikshá* }	ti	te
10. <i>Yuj</i>	{ yuyojayisha yuyojayishá* }	* ras	* rāhe
		thas	ithe
2. <i>Vid</i>	{ viridisha viridishá* }	tas	ite
3. <i>Bhṛi</i>	{ bibharisha bibharishá* }	* mas	* māhe
7. <i>Bhid</i>	{ bibhisa bibhisá* }	tha	dhwe
5. <i>Chi</i>	{ chichisha chichishá* }	nti	nte
8. <i>Tan</i>	{ titanisha titanishá* }		
9. <i>Pú</i>	{ piparisha piparishá* }		

Observe—*Nṛit* also makes its base *nirītsa*; *bhṛi*, *bubbārsha*; *chi*, *chikīsha*; *tan*, *tatānsa* or *tātānsa*; *pú*, *pu-pāsha*—in both *Átmane* and *Parasmai*; and *budh* and *vid* may respectively make their bases *bubhutsa* (299. a) and *virītsa*, but in *Átmane* only.

FREQUENTATIVE FORM.
PRESENT ÁTMANE.

ROOT.	BASE.	TERM.
1. <i>Budh</i>	{ bobudhaya bobudhayá* }	i
4. <i>Nṛit</i>	{ narārītiya narārītiyá* }	se
6. <i>Diś</i>	{ dedīśya dedīśyá* }	te
10. <i>Yuj</i> †		* rāhe
		ithe
2. <i>Vid</i>	{ vevidya vevidyá* }	ite
3. <i>Bhṛi</i>	{ bebhṛiya bebhṛiyá* }	* māhe
7. <i>Bhid</i>	{ bebhīdiya bebhīdiyá* }	dhwe
5. <i>Chi</i>	{ chechiya chechiyá* }	nte
8. <i>Tan</i>	{ tantānya tantānyá* }	† Observe—
9. <i>Pú</i>	{ popīya popīyá* }	The 10th class has no frequentative form.

PARTICIPLES.

ROOT.	PRES. PARASM.	PRES. ÁTMANE.	PRES. PASSIVE.	PAST PASSIVE.	PAST ACTIVE.	2D PRET. PARASMAL.	2D PRET. ÁTMANE.	PAST INDECL.	FUTURE PASS. 1.	FUTURE PASS. 2.	FUTURE PASS. 3.	2D FUT. PARASMAL.	2D FUT. ÁTMANE OR PASSIVE.
1. <i>Budh</i>	<i>bodhat</i>	<i>bodhamána</i>	<i>budhyanána</i>	<i>buddha</i>	<i>buddharat</i>	<i>bubudhwas</i>	<i>bubudhána</i>	<i>buddhvé</i>	<i>boddharya</i>	<i>bodhaníya</i>	<i>bodhya</i>	<i>bodhishyat</i>	<i>bodhishyanána</i>
4. <i>Nṛit</i>	<i>nṛityat</i>	<i>nṛityamána</i>	<i>nṛityamána</i>	<i>nṛítta</i> or <i>narítta</i>	<i>nṛítavat</i> or <i>narítavat</i>	<i>nanṛitwas</i>	<i>nanṛítána</i>	<i>narítvé</i>	<i>narítarya</i>	<i>nartanáya</i>	<i>nṛitya</i>	<i>narítshyat</i>	<i>narítshyanána</i>
6. <i>Dís</i>	<i>dísat</i>	<i>dísamána</i>	<i>dísyanána</i>	<i>díshṭa</i>	<i>díshṭarat</i>	<i>dídísawas</i>	<i>dídísána</i>	<i>díshṭvé</i>	<i>deshṭarya</i>	<i>desanáya</i>	<i>desya</i>	<i>dekshyat</i>	<i>dekshyanána</i>
10. <i>Yoj</i>	<i>yojayat</i>	<i>yojoyána</i>	<i>yojyanána</i>	<i>yojíta</i>	<i>yojítavat</i>	<i>yojayái</i> †	<i>yojayái</i> †	<i>yojayítvá</i>	<i>yojayítarya</i>	<i>yojanánaya</i>	<i>yojya</i>	<i>yojayishyat</i>	<i>yojayishyanána</i>
2. <i>Vid</i>	<i>vidat</i>	<i>vidána</i>	<i>vidyanána</i>	<i>vidita</i>	<i>vidítavat</i>	<i>viridwas</i>	<i>viridána</i>	<i>ridítvé</i>	<i>reditarya</i>	<i>redanáya</i>	<i>vedya</i>	<i>redishyat</i>	<i>redishyanána</i>
3. <i>Bhṛi</i>	<i>bhṛat</i>	<i>bhṛarána</i>	<i>bhṛiyamána</i>	<i>bhṛita</i>	<i>bhṛítavat</i>	<i>babhṛivas</i>	<i>babhṛána</i>	<i>bhṛítvá</i>	<i>bhartarya</i>	<i>bharanáya</i>	<i>bhárnya</i>	<i>bharishyat</i>	<i>bharishyanána</i>
7. <i>Bhíd</i>	<i>bhídat</i>	<i>bhídanána</i>	<i>bhídyamána</i>	<i>bhína</i>	<i>bhinnarat</i>	<i>bibhídwás</i>	<i>bibhídána</i>	<i>bhítvé</i>	<i>bhettarya</i>	<i>bhedanáya</i>	<i>bhedya</i>	<i>bhetsyat</i>	<i>bhetsyamána</i>
5. <i>Chi</i>	<i>chívat</i>	<i>chíwána</i>	<i>chíyamána</i>	<i>chita</i>	<i>chítarat</i>	<i>chichiras</i>	<i>chichyána</i>	<i>chítvá</i>	<i>chetarya</i>	<i>chayanána</i>	<i>cheya</i>	<i>cheshyat</i>	<i>cheshyanána</i>
8. <i>Ton</i>	<i>tanvat</i>	<i>tanwána</i>	<i>tanyamána</i>	<i>tata</i>	<i>tatarat</i>	<i>teivás</i>	<i>tenána</i>	<i>tanítvá</i>	<i>tanítarya</i>	<i>tananáya</i>	<i>tánya</i>	<i>tanishyat</i>	<i>tanishyanána</i>
9. <i>Pú</i>	<i>puvat</i>	<i>puvána</i>	<i>pujyamána</i>	<i>páta</i>	<i>pátavat</i>	<i>popúvás</i>	<i>popuvána</i>	<i>pátvá</i>	<i>pacítarya</i>	<i>paranáya</i>	<i>párya</i>	<i>parishyat</i>	<i>parishyanána</i>

† *Chakrivas* must be added to *yojayái* for the participle of the 2d pret. Parasmai, and *chakrára* for that of the 2d pret. Átmane.

584. Root अस् *as*, 'to be' (see 322). PARASMAI-PADA.

Note, that although this root belongs to the 2d class, its inflection is exhibited here, both because it is sometimes used as an auxiliary, and because it is desirable that the student should study its inflection at the same time with that of the other substantive verb *bhú*, 'to be,' which will follow at 585, and which supplies many of the defective tenses of *as*. It may be remarked, that all the cognate languages have two roots similar to the Sanskrit for the substantive verb 'to be.' Compare $\phi\bar{u}$ and $\alpha\sigma$ ($\epsilon\sigma$) in Greek, *es* (*sum*) and *fu* (*fui*) in Latin; and observe how the different parts of the Sanskrit verbs correspond to the Greek and Latin: thus, *asmi*, *asi*, *asti*; $\acute{\epsilon}\mu\mu\acute{\iota}$, $\acute{\epsilon}\sigma\sigma\acute{\iota}$, $\acute{\epsilon}\sigma\tau\acute{\iota}$; *sum*, *es*, *est*. Compare also *santi* with *sunt*; *ástam*, *ástám*, with $\acute{\eta}\sigma\tau\omicron\nu$, $\acute{\eta}\sigma\tau\eta\nu$; *ásma*, *ástá*, with $\acute{\eta}\sigma\mu\epsilon\nu$, $\acute{\eta}\sigma\tau\epsilon$, &c. Two other roots in Sanskrit are sometimes employed as substantive verbs, with the sense 'to be,' viz. *sthá*, 1st c., 'to stand' (see 269, 587), and *ás*, 2d c., 'to sit' (see 316). Indeed, the root *as*, here inflected, is probably only an abbreviation of *ás*.

Present, 'I am.'

PERS.	SING.	DUAL.	PLURAL.
1st.	अस्मि <i>asmi</i>	स्वस् <i>swas</i>	स्मस् <i>smas</i>
2d.	असि <i>asi</i>	स्थस् <i>sthas</i>	स्थ <i>stha</i>
3d.	अस्ति <i>asti</i>	स्तस् <i>stas</i>	सन्ति <i>santi</i>

First preterite, 'I was.'

	SING.	DUAL.	PLURAL.
1st.	आसं <i>ásam</i>	आसव <i>ásava</i>	आसम <i>ásma</i>
2d.	आसीस् <i>ásís</i>	आस्तं <i>ástam</i>	आस्त <i>ástá</i>
3d.	आसीत् <i>ásít</i>	आस्तां <i>ástám</i>	आसन् <i>ásan</i>

Potential, 'I may be,' &c.

Imperative, 'Let me be.'

स्यां <i>syám</i>	स्याव <i>syáva</i>	स्याम <i>syáma</i>	असानि <i>asáui</i>	असाव <i>asáva</i>	असाम <i>asáma</i>
स्यास् <i>syás</i>	स्यातं <i>syátam</i>	स्यात <i>syáta</i>	एधि <i>edhi</i>	स्तं <i>stam</i>	स्त <i>sta</i>
स्यात् <i>syát</i>	स्यातां <i>syátám</i>	स्युस् <i>syus</i>	अस्तु <i>astu</i>	स्तां <i>stám</i>	सन्तु <i>santu</i>

Second preterite *, 'I was,' &c.

PARASMAI.			ĀTMANE.		
आस <i>ása</i>	आसिव <i>ásiva</i>	आसिम <i>ásima</i>	आसे <i>áse</i>	आसिवहे <i>ásivahe</i>	आसिमहे <i>ásinahe</i>
आसिथ <i>ásitha</i>	आसयुस् <i>ásathus</i>	आस <i>ása</i>	आसिषे <i>ásishe</i>	आसाथे <i>ásáthe</i>	आसिध्वे (द्) <i>ásidhve</i>
आस <i>ása</i>	आसत्स् <i>ásatus</i>	आसुस् <i>ásus</i>	आसे <i>áse</i>	आसाते <i>ásáte</i>	आसिरे <i>ásire</i>

Observe—The root *as*, 'to be,' has no derivative forms, and only two participles, viz. those of the present, Parasmai and Ātmane, सन् *sat*, सान *sána* (see 524, 526). The conjugational tenses have an Ātmane-pada, which is not used unless the root is compounded with prepositions. In this Pada ह *h* is substituted for the root in the 1st sing. pres., and स *s* is changed to *d* before *dh* in the 2d plur.: thus, Pres. *he*, *se*, *ste*; *swahe*, *sáthe*, *sáte*; *snahe*, *ddhwe*, *sate*: see 322.

* The 2d preterite of *as* is never used by itself, but is employed in forming the 2d preterite of causals and some other verbs, see 385, 490; in which case the Ātmane may be used. The other tenses of *as* are wanting, and are supplied from *bhú* at 585.

EXAMPLES OF PRIMITIVE VERBS OF THE FIRST CONJUGATION, EXPLAINED AT 261.

585. Root भू *bhú*. Infin. भवितुं *bhavitum*, 'to be' or 'become.'

PARASMAI-PADA. *Present tense*, 'I am' or 'I become.'

PERS.	SING.	DUAL.	PLURAL.
1st,	भवामि <i>bhavámi</i>	भवावस् <i>bhavávas</i>	भवामस् <i>bhavámas</i>
2d,	भवसि <i>bhavasi</i>	भवथस् <i>bhavathas</i>	भवथ <i>bhavatha</i>
3d,	भवति <i>bhavati</i>	भवतस् <i>bhavatas</i>	भवन्ति <i>bhavanti</i>

Potential, 'I may be.'

भवेयं <i>bhaveyam</i>	भवेव <i>bhaveva</i>	भवेम <i>bharema</i>
भवेस् <i>bhaves</i>	भवेतं <i>bhavetam</i>	भवेत <i>bhaveta</i>
भवेत् <i>bhavet</i>	भवेतां <i>bhavetám</i>	भवेयुस् <i>bhaveyus</i>

Imperative, 'Let me be.'

भवानि <i>bhaváni</i>	भवाव <i>bhaváva</i>	भवाम <i>bhaváma</i>
भव <i>bhava</i>	भवतं <i>bhavatam</i>	भवत <i>bhavata</i>
भवतु <i>bhavatu</i>	भवतां <i>bhavatám</i>	भवन्तु <i>bhavantu</i>

First preterite, 'I was.'

अभवं <i>abhavam</i>	अभवाव <i>abhaváva</i>	अभवाम <i>abhaváma</i>
अभवस् <i>abhavas</i>	अभवतं <i>abhavatam</i>	अभवत <i>abhavata</i>
अभवत् <i>abhavat</i>	अभवतां <i>abhavatám</i>	अभवन् <i>abhavan</i>

Second preterite, 'I was.'

बभूव <i>babhúva</i>	बभूविव <i>babhúviva</i>	बभूविम <i>babhúvima</i>
बभूविथ <i>babhúvitha</i>	बभूवथुस् <i>babhúvathus</i>	बभूव <i>babhúva</i>
बभूव <i>babhúva</i>	बभूवतुस् <i>babhúvatus</i>	बभूवुस् <i>babhúvus</i>

First future, 'I will be.'

भवितासि <i>bhavitásmi</i>	भवितास्वस् <i>bhavitásvas</i>	भवितास्मस् <i>bhavitásmas</i>
भवितासि <i>bhavitási</i>	भवितास्यस् <i>bhavitásthas</i>	भवितास्य <i>bhavitástha</i>
भविता <i>bhavitá</i>	भवितारौ <i>bhavitárau</i>	भवितारस् <i>bhavitáras</i>

Second future, 'I shall be.'

भविष्यामि <i>bhavishyámi</i>	भविष्यावस् <i>bhavishyávas</i>	भविष्यामस् <i>bhavishyámas</i>
भविष्यसि <i>bhavishyasi</i>	भविष्यथस् <i>bhavishyathas</i>	भविष्यथ <i>bhavishyatha</i>
भविष्यति <i>bhavishyati</i>	भविष्यतस् <i>bhavishyatas</i>	भविष्यन्ति <i>bhavishyanti</i>

Third preterite, 'I was' or 'had been,' &c.

अभूवं <i>abhūvam</i>	अभूव <i>abhūva</i>	अभूम <i>abhūma</i>
अभूस् <i>abhūs</i>	अभूतं <i>abhūtam</i>	अभूत <i>abhūta</i>
अभूत् <i>abhūt</i>	अभूतां <i>abhūtām</i>	अभूवन् <i>abhūvan</i>

Benedictive, 'May I be.'

भूयासं <i>bhūyāsam</i>	भूयास्व <i>bhūyāswa</i>	भूयास्तु <i>bhūyāstū</i>
भूयास् <i>bhūyās</i>	भूयास्तं <i>bhūyāstam</i>	भूयास्तु <i>bhūyāstū</i>
भूयात् <i>bhūyāt</i>	भूयास्तां <i>bhūyāstām</i>	भूयासुस् <i>bhūyāsus</i>

Conditional, (If) 'I should be.'

अभविष्यं <i>abhaviṣyam</i>	अभविष्याव <i>abhaviṣyāva</i>	अभविष्याम <i>abhaviṣyāma</i>
अभविष्यस् <i>abhaviṣyas</i>	अभविष्यतं <i>abhaviṣyatam</i>	अभविष्यत <i>abhaviṣyata</i>
अभविष्यत् <i>abhaviṣyat</i>	अभविष्यतां <i>abhaviṣyatām</i>	अभविष्यन् <i>abhaviṣyan</i>

586. *ĀTMANE-PADA. Present tense, 'I am,' &c.*

भवे <i>bhave</i>	भवावहे <i>bhavāvahe</i>	भवामहे <i>bhavāmahe</i>
भवसे <i>bhavase</i>	भवेथे <i>bhavethe</i>	भवध्वे <i>bhavadhve</i>
भवते <i>bhavate</i>	भवेते <i>bhavete</i>	भवन्ते <i>bhavante</i>

Potential, 'I may be,' &c.

भवेय <i>bhaveya</i>	भवेवहि <i>bhavevahi</i>	भवेमहि <i>bhavemahi</i>
भवेयाम् <i>bhaveyām</i>	भवेयाथां <i>bhaveyāthām</i>	भवेध्वं <i>bhavedhvam</i>
भवेत् <i>bhaveta</i>	भवेयातां <i>bhaveyātām</i>	भवेरन् <i>bhaveran</i>

Imperative, 'Let me be.'

भवे <i>bhavai</i>	भवावहे <i>bhavāvahai</i>	भवामहे <i>bhavāmahai</i>
भवस्व <i>bhavasva</i>	भवेथां <i>bhavethām</i>	भवध्वं <i>bhavadhvam</i>
भवतां <i>bhavatām</i>	भवेतां <i>bhavetām</i>	भवन्तां <i>bhavantām</i>

First preterite, 'I was.'

अभवे <i>abhave</i>	अभवावहि <i>abhavāvahi</i>	अभवामहि <i>abhavāmahai</i>
अभवयाम् <i>abhavayām</i>	अभवेथां <i>abhavethām</i>	अभवध्वं <i>abhavadhvam</i>
अभवत् <i>abhavata</i>	अभवेतां <i>abhavetām</i>	अभवन्त <i>abhavanta</i>

Second preterite, 'I was,' &c.

बभूवे <i>babhūve</i>	बभूविवहे <i>babhūvivahe</i>	बभूविमहे <i>babhūvimahe</i>
बभूविषे <i>babhūviṣhe</i>	बभूवाथे <i>babhūvāthe</i>	बभूविध्वे (द्धे) <i>babhūvidhve</i>
बभूवे <i>babhūve</i>	बभूवाते <i>babhūvāte</i>	बभूविरे <i>babhūvire</i>

First future, 'I will be,' &c.

भविताहे <i>bhavítáhe</i>	भवितास्वहे <i>bhavításwahe</i>	भवितास्महे <i>bhavításmáhe</i>
भवितामे <i>bhavításe</i>	भवितामाथे <i>bhavításáthe</i>	भविताध्वे <i>bhavítádhwē</i>
भविता भवितá	भवितारौ <i>bhavítárau</i>	भवितारस् <i>bhavítáras</i>

Second future, 'I shall be,' &c.

भविष्ये <i>bhavishye</i>	भविष्यावहे <i>bhavishyávahe</i>	भविष्यामहे <i>bhavishyámáhe</i>
भविष्यसे <i>bhavishyase</i>	भविष्यथे <i>bhavishyethe</i>	भविष्यध्वे <i>bhavishyadhwe</i>
भविष्यते <i>bhavishyate</i>	भविष्येते <i>bhavishyete</i>	भविष्यन्ते <i>bhavishyante</i>

Third preterite, 'I was' or 'had been,' &c.

अभविषि <i>abhavishi</i>	अभविष्वहि <i>abhavishwahi</i>	अभविष्वहि <i>abhavishmahi</i>
अभविष्टास् <i>abhavishthás</i>	अभविष्याथं <i>abhavisháthám</i>	अभविष्वं (द्) <i>abhavidhwam</i>
अभविष्ट <i>abhavishṭa</i>	अभविष्यातां <i>abhavishátám</i>	अभविषत <i>abhavishata</i>

Benedictive, 'I wish I may be.'

भविषीय <i>bhavishíya</i>	भविषीवहि <i>bhavishívahi</i>	भविषीमहि <i>bhavishímahi</i>
भविषीयास् <i>bhavishíshthás</i>	भविषीयास्यां <i>bhavishíyásthám</i>	भविषीध्वं (द्) <i>bhavishídhvam</i>
भविषीष्ट <i>bhavishíshṭa</i>	भविषीयास्तां <i>bhavishíyástám</i>	भविषीरन् <i>bhavishíran</i>

Conditional, (If) 'I should be,' &c.

अभविष्ये <i>abhavishye</i>	अभविष्यावहि <i>abhavishyávahi</i>	अभविष्यामहि <i>abhavishyámahi</i>
अभविष्यथास् <i>abhavishyathás</i>	अभविष्येथां <i>abhavishyethám</i>	अभविष्यध्वं <i>abhavishyadhvam</i>
अभविष्यत <i>abhavishyata</i>	अभविष्येतां <i>abhavishyetaám</i>	अभविष्यन्त <i>abhavishyanta</i>

Passive (461), Pres. भूये, भूयसे, &c.; 3d Pret. 3d sing. (475) अभावि.
Causal (479), Pres. भावयामि, भावयामि, &c.; 3d Pret. (492) अवीभवं, &c.
Desiderative (498), Pres. बुभूयामि, बुभूयसि, &c. Desiderative form of
Causal (497) विभावयिष्यामि, &c. *Frequentative* (507), Pres. वोभूये,
 वोभोमि or वोभवीमि*. *Participles*, Pres. भवत् (524); Past pass. भूत्
 (531); Past indecl. भूत्वा (556), -भूय (559); Fut. pass. भवितव्य (569),
 भवनीय (570), भाव्य or भव्य (571).

EXAMPLES OF OTHER VERBS OF THE FIRST CONJUGATION
 IN THE ORDER OF THEIR FINAL LETTERS.

587. Root स्या. Inf. स्यातुं 'to stand' (269, 269. a). Parasmai and
 Átmane. Pres. तिष्ठामि, तिष्ठसि, तिष्ठति; तिष्ठामस्, तिष्ठथस्, तिष्ठतस्; तिष्ठामस्,

* These derivative verbs will be inflected at full at the end of the examples of
 primitive verbs. See 706, 707.

तिष्ठथ, तिष्ठन्ति. *Ātm.* तिष्ठे, तिष्ठसे, तिष्ठते; तिष्ठावहे, तिष्ठेथे, तिष्ठेते; तिष्ठामहे, तिष्ठध्वे, तिष्ठन्ने. *Pot.* तिष्ठेयं, तिष्ठेस्, तिष्ठेत्; तिष्ठेव, &c. *Ātm.* तिष्ठेय, तिष्ठेयास्, तिष्ठेत; तिष्ठेवहि, तिष्ठेयाथां, &c. *Imp.* तिष्ठानि, तिष्ठ, तिष्ठतु; तिष्ठाव, &c. *Ātm.* तिष्ठै, तिष्ठस्व, तिष्ठतां; तिष्ठावहै, &c. 2d *Pret.* तस्थौ (373), तस्थिथ or तस्थाथ, तस्थौ; तस्थिव, तस्थयुस्, तस्थतुस्; तस्थिम, तस्थ, तस्थुस्. *Ātm.* तस्थे, तस्थिथे, तस्थे; तस्थिवहे, तस्थाथे, तस्थाते; तस्थिमहे, तस्थिध्वे, तस्थिरे. 1st *Fut.* स्यातास्मि, स्यातासि, &c. *Ātm.* स्याताहे, स्यातामे, &c. 2d *Fut.* स्यास्यामि, स्यास्यसि, स्यास्यति, &c. *Ātm.* स्यास्ये, स्यास्यसे, स्यास्यते, &c. 3d *Pret.* (438) अस्थां, अस्थास्, अस्थात्; अस्थाव, अस्थातं, अस्थातां; अस्थाम, अस्थान, अस्थुस्. *Ātm.* (438. c, 419) अस्थिवि, अस्थियास्, अस्थित; अस्थिष्वहि, अस्थियाथां, अस्थियातां; अस्थिष्वहि, अस्थिद्वं, अस्थियत. *Bened.* स्थेयासं, स्थेयास्, &c. *Ātm.* स्थासीय, स्थासीथास्, &c. *Cond.* अस्थास्यं, अस्थास्यस्, &c. *Ātm.* अस्थास्ये, अस्थास्यथास्, &c. *Passive, Pres.* स्थीये (465); 3d *Pret.* 3d sing. अस्थायि. *Causal, Pres.* स्थापयामि, -ये; 3d *Pret.* अतिष्ठिषं, अतिष्ठिषे. *Des.* तिष्ठासामि, &c. *Freq.* तेष्टीये or तास्थेवि or तास्थामि. *Participles, Pres.* तिष्ठत्; *Past pass.* स्थित; *Past indecl.* स्थित्वा, -स्थाय, -ष्टाय; *Fut. pass.* स्थातव्य, स्थानीय, स्थेय.

588. Root घ्रा. *Inf.* घ्रातुं 'to smell' (269). *Parasmai. Pres.* जिघ्रामि, जिघ्रसि, &c. *Pot.* जिघ्रेयं, जिघ्रेस्, &c. *Imp.* जिघ्रानि (58), जिघ्र, &c. 1st *Pret.* अजिघ्रं, अजिघ्रस्, &c. 2d *Pret.* जघ्रौ (373), जघ्रिय or जघ्राथ, जघ्रौ; जघ्रिव, जघ्रयुस्, जघ्रतुस्; जघ्रिम, जघ्र, जघ्रुस्. 1st *Fut.* घ्रातास्मि, घ्रातासि, &c. 2d *Fut.* घ्रास्यामि, घ्रास्यसि, &c. 3d *Pret.* (438) अघ्रां, अघ्रास्, अघ्रात्; अघ्राव, अघ्रातं, अघ्रातां; अघ्राम, अघ्रात, अघ्रुस्. Or by 433, अघ्रासिषं, अघ्रासीस्, अघ्रासीत्; अघ्रासिष्व, अघ्रासिषं, अघ्रासिषां; अघ्रासिष्व, अघ्रासिष्व, अघ्रासिषुस्. *Bened.* घ्रायासं, घ्रायास्, &c. Or घ्रेयासं, &c. *Cond.* अघ्रास्यं, अघ्रास्यस्, &c. *Passive, Pres.* घ्राये (465. a); 3d *Pret.* 3d sing. अघ्रायि. *Causal, Pres.* घ्रापयामि; 3d *Pret.* अजिघ्रषं or अजिघ्रिषं. *Des.* जिघ्रामामि. *Freq.* जेघ्रीये, जाघ्रामि or जाघ्रेमि. *Participles, Pres.* जिघ्रत्; *Past pass.* घ्रात or घ्राण; *Past indecl.* घ्रात्वा, -घ्राय; *Fut. pass.* घ्रातव्य, घ्राणीय, घ्रेय.

589. Root पा. *Inf.* पातुं 'to drink' (269). *Parasmai. Pres.* पिबामि, पिबसि, &c. *Pot.* पिबेयं, पिबेस्, &c. *Imp.* पिबानि, पिब, &c. 1st *Pret.* अपिवं, अपिवस्, &c. 2d *Pret.* (373) पपौ, पपिथ or पपाथ, पपौ; पपिव, पपयुस्, पपतुस्; पपिम, पप, पपुस्. 1st *Fut.* पातास्मि, पातासि, &c. 2d *Fut.* पास्यामि, पास्यसि, &c. 3d *Pret.* (438) अपां, अपास्, अपात्; अपाव, अपातं, अपातां; अपाम, अपात, अपुस्. *Bened.* पेयासं, पेयास्, &c. *Cond.* अपास्यं, अपास्यस्, &c. *Passive, Pres.* पीये (465); 3d *Pret.* 3d sing. अपायि. *Causal, Pres.* पाययामि, -ये; 3d *Pret.* अपीषं (475). *Des.* पिपासामि.

Freq. चेपीये, पापेमि or पापामि. *Participles*, Pres. पिवत्; Past pass. पीत (533); Past indecl. पीत्वा, -पाय; Fut. pass. पातव्य, पानीय, पेय.

590. Root ज्ञि. Inf. जेतुं 'to conquer.' Parasmai*. Pres. जयामि, जयसि, जयति; जयावस्, जयथस्, जयतस्; जयामस्, जयथ, जयन्ति. Pot. जयेयं, जयेस्, जयेत्; जयेव, जयेतं, जयेतां; जयेम, जयेत, जयेयुस्. Imp. जयानि, जय, जयतु; जयाव, जयतं, जयतां; जयाम, जयत, जयन्तु. 1st Pret. अजयं, अजयस्, अजयत्; अजयाव, अजयतं, अजयतां; अजयाम, अजयत, अजयन्. 2d Pret. जिगाय (378), जिगयिथ or जिगेथ, जिगाय; जिगिथ्व (367), जिग्यथुस्, जिग्यतुस्; जिगिम, जिग्य, जिग्युस्. 1st Fut. जेतास्मि, जेतासि, जेता; जेतास्वस्, जेतास्थस्, जेतारौ; जेतास्मस्, जेतास्थ, जेतारस्. 2d Fut. जेष्यामि, जेष्यसि, जेष्यति; जेष्यावस्, जेष्यथस्, जेष्यतस्; जेष्यामस्, जेष्यथ, जेष्यन्ति. 3d Pret. अजैपं (420), अजैपीस्, अजैपीत्; अजैष्व, अजैष्टं, अजैष्टां; अजैष्म, अजैष्ट, अजैषुस्. Bened. जीयासं, जीयास्, जीयात्; जीयास्व, जीयास्तं, जीयास्तां; जीयास्म, जीयास्त, जीया-मुस्. Cond. अजेप्यं, अजेप्यस्, अजेप्यत्; अजेप्याव, अजेप्यतं, अजेप्यतां; अजेप्याम, अजेप्यत, अजेप्यन्. *Passive*, Pres. जीये, &c.; 3d Pret. 3d sing. अजायि. *Causal*, Pres. जापयामि; 3d Pret. अजीजपं. *Des.* जिगीपामि. *Freq.* जेजीये, जेजेमि or जेजयीमि. *Participles*, Pres. जयत्; Past pass. जित; Past indecl. जित्वा, -जित्; Fut. pass. जेतव्य, जयनीय, जेय or जित्य or जय्य (571, 572).

a. In the same manner may be conjugated नी. Inf. नेतुं 'to lead.'

591. Root स्मि. Inf. स्मेतुं 'to smile.' Ātmane. Pres. स्मये, स्मयसे, &c. Pot. स्मयेय, स्मयेषास्, &c. Imp. स्मयै, स्मयस्व, &c. 1st Pret. अस्मये, अस्मयथाम्, &c. 2d Pret. (367. a) सिप्सिये, सिप्सियिषे, सिप्सिये; सिप्सियिवहे, सिप्सियाथे, सिप्सियाते; सिप्सियिमहे, सिप्सियिध्वे, सिप्सियिरे. 1st Fut. स्मेताहे, स्मेतासे, &c. 2d Fut. स्मेष्ये, स्मेष्यसे, &c. 3d Pret. अस्मेषि, अस्मेष्टास्, अस्मेष्ट; अस्मेष्वहि, अस्मेपाथां, अस्मेपातां; अस्मेष्महि, अस्मेदुं, अस्मेपत. Bened. स्मेपीय, &c. Cond. अस्मेष्ये, &c. *Passive*, स्मीये, &c.; 3d Pret. 3d sing. अस्मायि. *Causal*, Pres. स्माययामि or स्मापयामि; 3d Pret. असिप्सयं or असिप्सपं. *Des.* सिस्सियिषे. *Freq.* सेप्सीये, सेप्सेमि or सेप्सयीमि. *Participles*, Pres. स्मयमान; Past pass. स्मित; Past indecl. स्मित्वा, -स्मित; Fut. pass. स्मेतव्य, स्मयनीय, स्मेय.

592. Root द्रु. Inf. द्रोतुं 'to run.' Parasmai. Pres. द्रवामि, द्रवसि, द्रवति; द्रवावस्, द्रवथस्, द्रवतस्; द्रवामस्, द्रवथ, द्रवन्ति. Pot. द्रवेयं, द्रवेस्, &c. Imp. द्रवाणि (58), द्रव, &c. 1st Pret. अद्रवं, अद्रवस्, &c. 2d Pret. दुद्राव, दुद्रोष, दुद्राव; दुद्रुव (368), दुद्रुवथुस् (367. b), दुद्रुवतुस्; दुद्रुम,

* जि is not generally used in the Ātmane, excepting with the prepositions *ni* or *pará*.

दुद्रुव, दुद्रुवुस्. 1st Fut. द्रोतास्मि, द्रोतासि, &c. 2d Fut. द्रोष्यामि, द्रोष्यसि, &c. 3d Pret. अद्रुद्रुवं (440. a), अद्रुद्रुवस्, अद्रुद्रुवत्; अद्रुद्रुवाव, अद्रुद्रुवतं, अद्रुद्रुवतां; अद्रुद्रुवाम, अद्रुद्रुवत, अद्रुद्रुवन्. Bened. द्रूयासं, द्रूयास्, &c. Cond. अद्रोष्यं, अद्रोष्यस्, &c. *Passive*, Pres. द्रूये; 3d Pret. 3d sing. अद्रावि. *Causal*, Pres. द्रावयामि; 3d Pret. अद्रुद्रुवं or अदिद्रुवं. *Des.* दुद्रुषामि. *Freq.* दोद्रूये, दोद्रोमि or दोद्रवीमि. *Participles*, Pres. द्रवत्; Past pass. द्रुत; Past indecl. द्रुत्वा, -द्रुत्; Fut. pass. द्रोतव्य, द्रवणीय, द्राव्य or द्रव्य.

593. Root ह्. Inf. हन्तुं 'to seize,' 'to take.' Parasmai and Ātmane. Pres. हरामि, हरसि, हरति; हरावस्, &c. Ātm. हरे, हरसे, हरते; हरावहे, &c. Pot. हरेयं, हरेस्, &c. Ātm. हरेय, हरेषाम्, &c. Imp. हराणि (58), हर, &c. Ātm. हरै, हरस्व, &c. 1st Pret. अहरं, अहरस्, अहरत्; अहराव, &c. Ātm. अहरे, अहरयास्, अहरत; अहरावहि, &c. 2d Pret. जहार, जहारिष्य or जहर्थे, जहार; जह्रिव, जह्र्युस्, जह्रतुस्; जह्रिम, जह्र, जह्रुस्. Ātm. जहे, जह्रिषे, जह्रे; जह्रिवहे, जह्राये, जहाते; जह्रिमहे, जह्रिद्दे, जह्रिरे. 1st Fut. हन्तास्मि, हन्तासि, &c. Ātm. हन्ताहे, हन्तासे, &c. 2d Fut. हरिष्यामि, हरिष्यसि, &c. Ātm. हरिष्ये, हरिष्यसे, &c. 3d Pret. अहापिं, अहापीस्, अहापीत्; अहाप्यं, अहाप्यं, अहाप्यं; अहाप्यं, अहाप्यं, अहाप्यं. Ātm. अहपि, अहपास्, अहत; अहप्यहि, अहपायां, अहपातां; अहप्यहि, अहप्यं, अहप्यत. Bened. ह्रियासं, ह्रियास्, &c. Ātm. ह्रयीय, ह्रयीषाम्, &c. Cond. अहरिष्यं, अहरिष्यस्, &c. Ātm. अहरिष्ये, अहरिष्ययास्, &c. *Passive*, Pres. ह्रिये; 3d Pret. 3d sing. अहारि. *Causal*, Pres. हारयामि, -ये; 3d Pret. अजीहरं. *Des.* जिहीषामि, -र्थे. *Freq.* जेह्रिये, जर्हीमि or जरीहरीमि or जरिहरीमि or जरीहर्मि or जरि- or जर्हर्मि. *Participles*, Pres. हरत्; Pass. ह्रियमाण; Past pass. हत; Past indecl. हत्वा, -हत्य; Fut. pass. हन्तव्य, हरणीय, हार्यं.

594. Root स्मृ. Inf. स्मृत्तुं 'to remember.' Parasmai and Ātmane. Pres. स्मरामि, स्मरसि, &c. Ātm. स्मरे. Pot. स्मरेयं, स्मरेस्, &c. Ātm. स्मरेय, &c. Imp. स्मराणि (58), स्मर, &c. Ātm. स्मरै, &c. 1st Pret. अस्मरं, अस्मरस्, &c. Ātm. अस्मरे. 2d Pret. (367. c) सस्मार, सस्मारिष्य, सस्मार; सस्मरिव, सस्मर्युस्, सस्मरतुस्; सस्मरिम, सस्मार, सस्मरुस्. Ātm. सस्मरे, सस्मरिषे, सस्मरे; सस्मरिवहे, सस्मराये, सस्मराते; सस्मरिमहे, सस्मरिद्दे, सस्मरिरे. 1st Fut. स्मन्तास्मि, &c. Ātm. स्मन्ताहे, &c. 2d Fut. स्मरिष्यामि, &c. Ātm. स्मरिष्ये, &c. 3d Pret. अस्मार्पं, &c. (see ह् at 593). Ātm. अस्मृषि, अस्मृयास्, &c. (see ह् at 593). Bened. स्मयासं, &c. Ātm. स्मृषीय &c., or स्मरिषीय &c. Cond. अस्मरिष्यं, &c. Ātm. अस्मरिष्ये, &c. *Passive*, Pres. स्मर्ये; 3d Pret. 3d sing. अस्मारि. *Causal*, Pres. स्मारयामि, -ये; 3d Pret. अस्मरं. *Des.* सुस्मृषे. *Freq.* सास्मर्ये, सास्मर्मि or सास्मरीमि.

Participles, Pres. स्मरत्; Past pass. स्मृत; Past indecl. स्मृत्वा, -स्मृत्य; Fut. pass. स्मरन्त्य, स्मरणीय, स्मार्य.

595. Root ज्ञे. Inf. ज्ञातुं 'to call.' Parasmai and Ātmane. Pres. ज्ञयामि, &c. Ātm. ज्ञये, &c. Pot. ज्ञयेयं, &c. Ātm. ज्ञयेय, &c. Imp. ज्ञयानि, &c. Ātm. ज्ञये, &c. 1st Pret. अज्ञयं, &c. Ātm. अज्ञये. 2d Pret. (379) जुहाव, जुहविथ or जुहोथ, जुहाव; जुहुविच, जुहुवथुस्, जुहुवतुस्; जुहुविम, जुहुव, जुहुवुस्. Ātm. जुहुवे, जुहुविपे, जुहुवे; जुहुविवहे, जुहुवापे, जुहुवाते; जुहुविमहे, जुहुविदे, जुहुविरे. 1st Fut. ज्ञातास्मि, &c. Ātm. ज्ञाताहे, &c. 2d Fut. ज्ञास्यामि, &c. Ātm. ज्ञास्ये, &c. 3d Pret. (438. c) अज्ञं, अज्ञम्, अज्ञत्; अज्ञाव, अज्ञतं, अज्ञतां; अज्ञाम, अज्ञत, अज्ञन्. Ātm. अज्ञे, अज्ञयाम्, अज्ञत; अज्ञावहि, अज्ञेथां, अज्ञेतां; अज्ञामहि, अज्ञध्वं, अज्ञन्. Or अज्ञासि (433. a), अज्ञास्यास्, अज्ञास्त; अज्ञास्वहि, अज्ञासायां, अज्ञासातां; अज्ञास्महि, अज्ञाध्वं, अज्ञासत. Bened. हूयामं, &c. Ātm. ज्ञासीय. Cond. अज्ञास्यं, &c. Ātm. अज्ञास्ये, &c. *Passive*, हूयते (465. b); 3d Pret. 3d sing. अज्ञायि or अज्ञायिष्ठ or अज्ञत or अज्ञास्त. 2d Fut. ज्ञास्यते or ज्ञायिष्यते (474. a). *Causal*, Pres. ज्ञाययामि (483); 3d Pret. अज्ञूहवं. *Des.* जुहूयामि, जुहूपे. *Freq.* जोहूये, जोहोमि or जोहवीमि. *Participles*, Pres. ज्ञयत्; Pass. हूयमान; Past pass. हूत; Past indecl. हूत्वा, -हूय; Fut. pass. ज्ञातव्य, ज्ञानीय, ज्ञेय.

a. The root गे (268), Inf. गातुं 'to sing,' follows the analogy of *hve*, the final diphthong being changed to *á* before all terminations beginning with *t* or *s*. Pres. गायामि, &c. Pot. गायेयं, &c. Imp. गायानि, &c. 1st Pret. अगायं, &c. 2d Pret. (374) जगौ, जगिथ or जगाथ, जगौ; जगिव, जगथुस्, जगतुस्; जगिम, जग, जगुस्. 1st Fut. गातास्मि, &c. 2d Fut. गास्यामि, &c. 3d Pret. (433) अगासिपं, अगासीस्, अगासीत्; अगासिष्व, अगासिष्टं, अगासिष्टां; अगासिष्म, अगासिष्ठ, अगासिषुस्. Bened. गेयामं, &c. (451). Cond. अगास्यं, &c. *Passive*, गीयते (465); 3d Pret. 3d sing. अगायि. *Causal*, Pres. गापयामि (483); 3d Pret. अजीगपं. *Des.* जिगासामि. *Freq.* जेगीये, जागेमि or जागामि. *Participles*, Pres. गायत्; Pass. गीयमान; Past pass. गीत; Past indecl. गीत्वा, -गाय; Fut. pass. गातव्य, गानीय, गेय.

b. After गे may be conjugated गै 'to be weary;' धै 'to meditate;' मै 'to fade;' and all other roots in *ai*.

596. Root त्यज्. Inf. त्यक्तुं 'to abandon,' 'to quit.' Parasmai. Pres. त्यजामि, त्यजसि, &c. Pot. त्यजेयं, त्यजेस्, &c. Imp. त्यजानि, त्यज, &c. 1st Pret. अत्यजं, अत्यजस्, &c. 2d Pret. तत्याज, तत्यजिथ or तत्यक्थ (368. a), तत्याज; तत्यजिच, तत्यजथुस्, तत्यजतुस्; तत्यजिम, तत्यज, तत्यजुस्.

1st Fut. त्यक्तास्मि, त्यक्तामि, &c. 2d Fut. त्यक्ष्यामि, त्यक्ष्यमि, &c. 3d Pret. (423, 296) अत्याक्षं, अत्याक्षीम्, अत्याक्षीत्; अत्याक्ष्व, अत्याक्त्रं, अत्याक्त्रां; अत्याक्ष्स्, अत्याक्त्र, अत्याक्षुस्. Bened. त्यज्यासं, त्यज्यास्, &c. Cond. अत्यक्ष्यं, अत्यक्ष्यस्, &c. *Passive*, Pres. त्यज्ये; 3d Pret. 3d sing. अत्याजि. *Causal*, Pres. त्याजयामि; 3d Pret. अतित्यजं. *Des.* तित्यक्षामि. *Freq.* तात्यज्ये, तात्यज्मि or तात्यजीमि. *Participles*, Pres. त्यजत्; Past pass. त्यक्त; Past indecl. त्यक्ता, -त्यज्य; Fut. pass. त्यक्तव्य, त्यजनीय, त्यज्य (573).

597. Root यज्. Inf. यष्टुं 'to sacrifice,' 'to worship.' Parasmai and Ātmane. Pres. यजामि, यजमि, &c. Ātm. यजे, &c. Pot. यजेयं, यजेस्, &c. Ātm. यजेय, &c. Imp. यजानि, यज, &c. Ātm. यजै, &c. 1st Pret. अयजं, अयजस्, &c. Ātm. अयजे, &c. 2d Pret. (375. e) इयाज, इयजिथ or येजिथ or इयष्ट (297), इयाज; ईजिव, ईजयुस्, ईजतुस्; ईजिम, ईज, ईजुस्. Ātm. ईजे, ईजिषे, ईजे; ईजिवहे, ईजाथे, ईजाते; ईजिमहे, ईजिदे, ईजिरे. 1st Fut. यष्टास्मि, यष्टामि, &c. (403). Ātm. यष्टाहे, &c. 2d Fut. यक्ष्यामि, यक्ष्यमि, &c. (403). Ātm. यक्ष्ये, &c. 3d Pret. (423) अयाक्षं, अयाक्षीम्, अयाक्षीत्; अयाक्ष्व, अयाष्टं, अयाष्टां; अयाक्ष्स्, अयाष्ट, अयाक्षुस्. Ātm. अयाक्षि, अयष्टास्, अयष्ट; अयक्ष्वहि, अयक्षाथां, अयक्षातां; अयक्ष्वहि, अयग्ध्वं, अयक्षत. Bened. इज्यासं, इज्यास्, &c. Ātm. यक्षीय, &c. Cond. अयक्ष्यं, अयक्ष्यस्, &c. Ātm. अयक्ष्ये, &c. *Passive*, Pres. इज्ये (471); 1st Pret. ऐज्ये (260. a); 3d Pret. 3d sing. अयाजि. *Causal*, Pres. याजयामि, -ये; 3d Pret. अयीयजं. *Des.* यियक्षामि, -क्षे. *Freq.* यायज्ये, यायज्मि or यायजीमि. *Participles*, Pres. यजत्; Ātm. यजमान; Pass. इज्यमान; Past pass. इष्ट; Past indecl. इष्टा, -इज्य; Fut. pass. यष्टव्य, यजनीय, याज्य or यज्य.

a. Root सज्. Inf. संक्नुं 'to adhere,' 'to embrace.' Parasmai. Pres. सजामि*, &c. Pot. सजेयं, &c. Imp. सजानि, &c. 1st Pret. असजं, &c. 2d Pret. ससज्, ससज्मिथ or ससंक्थ, ससज्; ससज्मिव, ससज्मयुस्, ससज्मतुस्; ससज्मि, ससज्, ससज्मुस्. 1st Fut. संक्तास्मि, &c. 2d Fut. संक्ष्यामि, &c. 3d Pret. असांक्षं, -क्षीम्, -क्षीत्; असांक्ष्व, असांक्त्रं, -क्त्रां; असांक्ष्स्, असांक्त्र, असांक्षुस्. Bened. सज्यासं, &c. Cond. असंक्ष्यं, &c. *Passive*, Pres. सज्ये. *Causal*, Pres. सजयामि; 3d Pret. अससजं. *Des.* सिसंक्षामि, &c. *Freq.* सासज्ये, सासज्मि. *Participles*, Pres. सजत् or

* This root rejects its nasal in the conjugational tenses, and sometimes doubles the final *j* in those tenses (Pres. सज्जामि, सज्जमि, सज्जति, &c.). It is not, however, to be confounded with an uncommon root सज् or सज्न्, meaning 'to go,' 'to move,' which also belongs to the 1st c., and makes सज्जामि &c. in the present tense.

सञ्जत्; Pass. सञ्जमान; Past pass. सञ्ज; Past indecl. सञ्जा or संञ्जा, -सञ्ज्य; Fut. pass. संञ्ज्य, सञ्जनीय, संञ्ज्य or संञ्ज्य.

b. Root द्युत्. Inf. द्योतितुं 'to shine.' Ātmane, and optionally Parasmai in 3d preterite. Pres. द्योते, &c. Pot. द्योतेय, &c. Imp. द्योते, &c. 1st Pret. अद्योते, &c. 2d Pret. दिद्युते*, दिद्युतिपे, दिद्युते; दिद्युतिवहे, दिद्युतापे, दिद्युताते; दिद्युतिमहे, दिद्युतिध्वे or -द्दे, दिद्युतिरे. 1st Fut. द्योतिताहे, &c. 2d Fut. द्योतिष्ये, &c. 3d Pret. अद्योतिषि, अद्योतिष्याम्, अद्योतिष्ट; अद्योतिष्वहि, -तिपायां, -तिपातां; -तिष्महि, -तिध्वं, -तिपत. Par. अद्युतं, -तस्, -तत्; -ताव, -ततं, -ततां; -ताम, -तत, -तन्. Bened. द्योतिषीय. Cond. अद्योतिष्ये, &c. *Passive*, Pres. द्युत्ये; 3d Pret. 3d sing. अद्योति. *Causal*, Pres. द्योतयामि; 3d Pret. अदिद्युतं. *Des.* दिद्युतिपे or दिद्योतिपे. *Freq.* देद्युत्ये, देद्योत्सि or देद्योतीमि. *Participles*, Pres. द्योतमान; Past pass. द्युतित or द्योतित; Past indecl. द्युतिवा or द्योतिवा, -द्युत्य; Fut. pass. द्योतितव्य, द्योतनीय, द्योत्य.

598. Root वृत्. Inf. वर्तितुं or वर्त्तितुं (73) 'to be,' 'to exist.' Ātmane, and optionally Parasmai in the 2d future, 3d preterite, and conditional, when it rejects *i*. Pres. वर्ते, &c. Pot. वर्तेय, &c. Imp. वर्ते, &c. 1st Pret. अवर्ते, &c. 2d Pret. ववृते, ववृतिपे, ववृते; ववृतिवहे, ववृतापे, ववृताते; ववृतिमहे, ववृतिध्वे or -द्दे, ववृतिरे. 1st Fut. वर्तिताहे, &c. 2d Fut. वर्तिष्ये or वर्त्स्यामि, &c. 3d Pret. अवर्तिषि, अवर्तिष्याम्, अवर्तिष्ट; अवर्तिष्वहि, -तिपायां, -तिपातां; -तिष्महि, -तिध्वं, -तिपत. Par. अवृतं, -तस्, -तत्; -ताव, -ततं, -ततां; -ताम, -तत, -तन्. Bened. वर्तिषीय, &c. Cond. अवर्तिष्ये or अवर्त्स्यं, &c. *Passive*, Pres. वृत्ये. *Causal*, Pres. वर्तयामि; 3d Pret. अविवृतं or अवर्वतं. *Des.* विवर्तिपे or विवृत्सामि. *Freq.* वरिवृत्ये, वरिवर्त्सि or वरिवृतीमि or वरीवृतीमि. *Participles*, Pres. वर्तमान; Past pass. वृत्त; Past indecl. वर्तिवा or वृत्त्वा, -वृत्य; Fut. pass. वर्तितव्य, वर्तनीय, वृत्य.

599. Root वद्. Inf. वदितुं 'to speak.' Parasmai. Pres. वदामि, वदसि, &c. Pot. वदेयं, वदेस्, &c. Imp. वदानि, वद, &c. 1st Pret. अवदं, अवदस्, &c. 2d Pret. (375. c) उवाद, उवदिष, उवाद; ऊदिव, ऊदधुस्, ऊदतुस्; ऊदिम, ऊद, ऊदुस्. 1st Fut. वदितास्मि, वदितासि, &c. 2d Fut. वदिष्यामि, वदिष्यसि, &c. 3d Pret. (431) अवादिषं, अवादीस्, अवादीत्; अवादिष्व, अवादिष्टं, अवादिष्टां; अवादिष्म, अवादिष्ट, अवादिषुस्. Bened. उद्वासं, उद्वास, &c. Cond. अवदिष्यं, अवदिष्यस्, &c. *Passive*, Pres. उद्ये (471);

* The root द्युत् violates 331. d. by making its reduplicated syllable *di* for *du* in the 2d preterite, &c. Similarly, the reduplicated syllable of the frequentative is *de*. Pāṇini VII. 4. 67.

3d Pret. 3d sing. अवादि. *Causal*, Pres. वादयामि; 3d Pret. अवीवदं. *Des.* विवदिषामि, -षे. *Freq.* वावद्ये, वावन्नि or वावदीमि. *Participles*, Pres. वदन्; Past pass. उदित (543); Past indecl. उदित्वा, -उद्य; Fut. pass. वदितव्य, वदनीय, वाद्य or उद्य.

a. Root सद् (270). Inf. सञ्जु 'to sink.' *Parasmai*. Pres. सीदामि, सीदसि, &c. Pot. सीदेयं, सीदेस्, &c. Imp. सीदानि, सीद, &c. 1st Pret. असीदं, असीदम्, &c. 2d Pret. समाद, सेदिष (375. a) or मसत्थ, ससाद; सेदिष, सेदथुस्, सेदतुस्; सेदिम, सेद, सेदुस्. 1st Fut. सञ्जास्मि, सञ्जासि, &c. 2d Fut. सत्स्यामि, सत्स्यसि. 3d Pret. असदं (436, 437), असदम्, असदन्; असदाव, असदतं, असदतां; असदाम, असदत, असदन्. *Bened.* सद्यासं, सद्यास्, &c. *Cond.* असत्स्यं, असत्स्यस्, &c. *Passive*, Pres. सद्ये; 3d Pret. 3d sing. असादि. *Causal*, Pres. सादयामि; 3d Pret. अशीषदं. *Des.* सिषत्सामि. *Freq.* सासद्ये, सासन्नि or सासदीमि. *Participles*, Pres. सीदन्; Past pass. सन्न (540); Past indecl. सञ्जा, -सद्य; Fut. pass. सन्नव्य, सदनीय, साद्य.

600. Root एध्. Inf. एधिन्तुं 'to increase,' 'to flourish.' *Ātmane*. Pres. एधे, एधसे, &c. Pot. एधेय, एधेयान्, &c. Imp. एधे, एधस्व, &c. 1st Pret. एधे (260), एधयाम्, &c. 2d Pret. (385) एधाञ्चक्रे, एधाञ्चकृपे, एधाञ्चक्रे; एधाञ्चकृवहे, एधाञ्चक्रापे, एधाञ्चक्राते; एधाञ्चकृमहे, एधाञ्चकृद्वे, एधाञ्चक्रिरे. 1st Fut. एधिताहे, &c. 2d Fut. एधिष्ये, &c. 3d Pret. एधिषि (430, 260. b), एधिष्णाम्, एधिष्ट; एधिष्वहि, एधिषायां, एधिषातां; एधिष्महि, एधिद्मं, एधिषत. *Bened.* एधिषीय, &c. *Cond.* एधिष्ये, &c. (260. b). *Passive*, एध्ये, &c.; 3d Pret. 3d sing. ऐधि. *Causal*, Pres. एधयामि; 3d Pret. ऐदिधं (494). *Des.* ऐदिधिषे (500. b). *Participles*, Pres. एधमान; Past pass. एधित; Past indecl. एधित्वा, -एध्य; Fut. pass. एधितव्य, एधनीय, एध्य.

601. Root लभ्. Inf. लभुं 'to take.' *Ātmane*. Pres. लभे, लभसे, लभते; लभावहे, लभेथे, लभेते; लभामहे, लभध्वे, लभन्ते. Pot. लभेय, लभेयाम्, लभेत; लभेवहि, लभेयायां, लभेयातां; लभेमहि, लभेध्वं, लभेरन्. Imp. लभै, लभस्व, लभतां; लभावहे, लभेथां, लभेतां; लभामहे, लभध्वं, लभन्तां. 1st Pret. अलभे, अलभयाम्, अलभत; अलभावहि, अलभेथां, अलभेतां; अलभामहि, अलभध्वं, अलभन्त. 2d Pret. लेभे (375. a), लेभिषे, लेभे; लेभिवहे, लेभाथे, लेभाते; लेभिमहे, लेभिध्वे, लेभिरे. 1st Fut. लब्धाहे (408), लब्धासे, लब्धा; लब्धास्वहे, लब्धासाथे, लब्धारौ; लब्धास्वहे, लब्धाध्वे, लब्धारस्. 2d Fut. लप्स्ये (299), लप्स्यसे, लप्स्यते; लप्स्यावहे, लप्स्येथे, लप्स्येते; लप्स्यामहे, लप्स्यध्वे, लप्स्यन्ते. 3d Pret. अलप्सि (420, 299), अलब्धाम् (298), अलभ्य; अलप्सवहि, अलप्सायां, अलप्सातां; अलप्समहि, अलभ्यं, अलप्सत. *Bened.* लप्सीय, लप्सीष्णाम्, लप्सीष्ट; लप्सीवहि, लप्सीयास्थां, लप्सीयास्तां; लप्सीमहि, लप्सीध्वं, लप्सीरन्. *Cond.* अलप्स्ये, अलप्स्यथास्, अलप्स्यत; अलप्स्यावहि, अलप्स्येथां, अलप्स्येतां; अलप्स्या-

महि, अलप्स्यध्वं, अलप्स्यन्त. *Passive*, Pres. लभ्ये; 3d Pret. अलप्सि, अलभ्यास्, अलाभि (475) or अलम्भि, &c. *Causal*, Pres. लम्भयामि, &c.; 3d Pret. अललम्भं. *Des.* लिप्से (503). *Freq.* लालभ्ये. *Participles*, Pres. लभमान; Past pass. लभ्य; Past indecl. लभ्या, -लभ्य; Fut. pass. लभ्यथ, लभनीय, लभ्य.

a. In the same manner may be conjugated रभ् (with prep. आ á), आरभ्युं 'to begin.'

602. Root गञ् (270). Inf. गन्तुं 'to go.' *Parasmai*. Pres. गच्छामि, गच्छसि, गच्छति; गच्छावस्, गच्छथस्, गच्छतस्; गच्छामस्, गच्छथ, गच्छन्ति. *Pot.* गच्छेयं, गच्छेस्, &c. *Imp.* गच्छानि, गच्छ, &c. 1st Pret. अगच्छं, अगच्छस्, &c. 2d Pret. (375) जगाम, जगमिथ or जगन्थ, जगाम; जग्मिव (376), जग्मथुस्, जग्मतुस्; जग्मिम, जग्म, जग्मुस्. 1st Fut. गन्तास्मि, गन्तासि, &c. 2d Fut. गमिष्यामि, गमिष्यसि, गमिष्यति; गमिष्यावस्, गमिष्यथस्, गमिष्यतस्; गमिष्यामस्, गमिष्यथ, गमिष्यन्ति. 3d Pret. (436) अगमं, अगमस्, अगमत्; अगमाव, अगमतं, अगमतां; अगमाम, अगमत, अगमन्. *Bened.* गम्यासं, गम्यास्, &c. *Cond.* अगमिष्यं, अगमिष्यस्, &c. *Passive*, Pres. गम्ये; 3d Pret. 3d sing. अगामि. *Causal*, Pres. गमयामि; 3d Pret. अजीगमं. *Des.* जिगमिषामि. *Freq.* जङ्गम्ये, जङ्गन्मि or जङ्गमीमि; see 709. *Participles*, Pres. गच्छत्; Past pass. गत; Past indecl. गत्वा, -गम्य, -गत (563. a, 560); Fut. pass. गन्तव्य, गमनीय, गम्य.

603. Root जीव्. Inf. जीवितुं 'to live.' *Parasmai*. Pres. जीवामि, जीवसि, &c. *Pot.* जीवेयं, जीवेस्, &c. *Imp.* जीवानि, जीव, &c. 1st Pret. अजीवं, अजीवस्, &c. 2d Pret. जिजीव, जिजीविथ, जिजीव; जिजीविव (28. b), जिजीवथुस्, जिजीवतुस्; जिजीविम, जिजीव, जजीवुस्. 1st Fut. जीवितास्मि, &c. 2d Fut. जीविष्यामि, &c. 3d Pret. अजीविषं, अजीवीस्, अजीवीत्; अजीविष्व, अजीविष्टं, अजीविष्टां; अजीविष्व, अजीविष्ट, अजीविषुस्. *Bened.* जीव्यासं, &c. *Cond.* अजीविष्यं, &c. *Passive*, Pres. जीव्ये; 3d Pret. 3d sing. अजीवि. *Causal*, Pres. जीवयामि; 3d Pret. अजिजीवं or अजीजिवं. *Des.* जिजीविषामि. *Freq.* जेजीव्ये. *Participles*, Pres. जीवत्; Past pass. जीवित; Past indecl. जीवित्वा, -जीव्य; Fut. pass. जीवितव्य, जीवनीय, जीव्य.

604. Root दृश् (270). Inf. द्रष्टुं 'to see.' *Parasmai*. Pres. पश्यामि, पश्यसि, पश्यति; पश्यावस्, पश्यथस्, पश्यतस्; पश्यामस्, पश्यथ, पश्यन्ति. *Pot.* पश्येयं, पश्येस्, पश्येत्; पश्येव, &c. *Imp.* पश्यानि, पश्य, पश्यतु; पश्याव, &c. 1st Pret. अपश्यं, अपश्यस्, अपश्यत्; अपश्याव, &c. 2d Pret. ददर्श, ददर्शिथ or दद्रष्ट (368. a. b, 388. c), ददर्श; ददृशिव, ददृशथुस्, ददृशतुस्; ददृशिम, ददृश, ददृशुस्. 1st Fut. द्रष्टास्मि, द्रष्टासि, &c. 2d Fut. द्रक्ष्यामि, द्रक्ष्यसि, &c. 3d Pret. (436) अदर्शं, अदर्शस्, अदर्शत्; अदर्शाव, अदर्शानं, अदर्शानां; अदर्शाम, अदर्शान, अदर्शान्. Or अद्राक्षं (420, 388. c),

अद्राक्षीम्, अद्राक्षीत्; अद्राक्ष, अद्राष्ट, अद्राष्टां; अद्राक्ष, अद्राष्ट, अद्राक्षम्.
Bened. दृश्यासं, दृश्याम्, &c. Cond. अद्रक्ष्यं, अद्रक्ष्यम्, &c. *Passive*,
Pres. दृश्ये; 3d Pret. 3d sing. अदर्शि. *Causal*, Pres. दर्शयामि; 3d Pret.
अदीदृशं or अददर्शं; see 703. *Des.* दिदृक्षे. *Freq.* दरिदृश्ये or दरी-, दरिदृ-
शीमि or दर्दंशिमि. *Participles*, Pres. पश्यत्; Past pass. दृष्ट; Past indecl.
दृष्टा, -दृश्य; Fut. pass. द्रष्टव्य, दर्शनीय, दृश्य.

605. Root ईक्ष्. Inf. ईक्षितुं 'to see.' *Ātmane*. Pres. ईक्षे, &c.
Pot. ईक्षेय, &c. Imp. ईक्षे, &c. 1st Pret. ऐक्षे, &c. (260. a). 2d Pret.
ईक्षाचक्रे, &c. (385, and compare एष् at 600). 1st Fut. ईक्षिताहे, &c.
2d Fut. ईक्षिष्ये, &c. 3d Pret. ऐक्षिमि (260. b), ऐक्षिष्माम्, ऐक्षिष्ट;
ऐक्षिष्वहि, ऐक्षिषापां, ऐक्षिषातां; ऐक्षिष्महि, ऐक्षिद्धं, ऐक्षिषत. Bened. ईक्षि-
षीय, &c. Cond. ऐक्षिष्ये, &c. *Passive*, ईक्ष्ये, &c.; 3d Pret. 3d sing.
ऐक्षि. *Causal*, Pres. ईक्षयामि; 3d Pret. ऐचिष्ठां (494). *Des.* ईचिक्षिषे
(500. b). *Participles*, Pres. ईक्षमाण; Past pass. ईक्षित; Past indecl.
ईक्षित्वा, -ईक्ष्य; Fut. pass. ईक्षितव्य, ईक्षणीय, ईक्ष्य.

606. Root कृष्*. Inf. कर्षुं or क्रष्टुं 'to draw,' 'to drag.' *Parasmai*
and *Ātmane*. Pres. कर्षामि, &c. *Ātm.* कर्षे. Pot. कर्षेयं &c., कर्षेय &c.
Imp. कर्षणि &c., कर्षे &c. 1st Pret. अकर्षं, &c. *Ātm.* अकर्षे, &c. 2d Pret.
चकर्षे, चकर्षिथ, चकर्षे; चकृषिव, चकृषयुस्, चकृषतुम्; चकृषिम, चकृष, चकृषुस्.
Ātm. चकृषे, चकृषिषे, चकृषे; चकृषिवहे, चकृषाषे, चकृषाते; चकृषिमहे, चकृ-
षिद्दे, चकृषिरे. 1st Fut. कर्षास्मि or क्रष्टास्मि, &c. *Ātm.* कर्षाहे &c. or
क्रष्टाहे &c. 2d Fut. कर्ष्यामि or क्रष्ट्यामि, &c. *Ātm.* कर्ष्ये or क्रष्ट्ये, &c.
3d Pret. अकर्षं, अकर्षीम्, अकर्षीत्; अकर्ष्वं, अकर्षं, अकर्षां; अकर्षं,
अकर्षं, अकर्षुम्. Or अक्राक्षं, अक्राक्षीम्, &c. Or अकृषं, अकृषाम्, अकृषात्;
अकृषाव, अकृषातं, अकृषातां; अकृषाम्, अकृषात, अकृषान्. *Ātm.* अकृषि,
अकृष्याम् or अकृषाम्, अकृषात or अकृष्ट; अकृषावहि or अकृष्वहि, अकृषापां,
अकृषातां; अकृषामहि or अकृष्वहि, अकृषाध्वं or अकृषद्धं, अकृषान् or अकृषात.
Bened. कृष्यासं, &c. *Ātm.* कृषीय, &c. Cond. अकर्ष्यं or अक्रष्ट्यं, &c.
Ātm. अकर्ष्ये or अक्रष्ट्ये, &c. *Passive*, Pres. कृष्ये; 3d Pret. 3d sing.
अकर्षि. *Causal*, Pres. कर्षयामि; 3d Pret. अचकर्षं or अचीकृषं. *Des.* चि-
कृषामि, -क्षे. *Freq.* चरीकृष्ये, चरीकर्षि or चरीक्र्षि. *Participles*, Pres.
कर्षत्; Past pass. कृष्ट; Past indecl. कृष्टा, -कृष्य; Fut. pass. कर्षव्य or
क्रष्टव्य, कर्षणीय, कृष्य.

607. Root वस्. Inf. वस्तुं 'to dwell.' *Parasmai*. Pres. वसामि,
वससि, &c. Pot. वसेयं, वसेस्, &c. Imp. वसन्ति, वस, &c. 1st Pret.
अवसं, अवसम्, &c. 2d Pret. उवास, उवसिथ or उवस्य, उवास; ऊषिव,

* This root is also conjugated in the 6th conj. Pres. कृषामि, &c.; Pot. कृषेयं, &c.

ऊपयुस्, ऊपतुस्; ऊपिम, ऊप, ऊपुस्. 1st Fut. वस्तामि, वस्तासि, &c. 2d Fut. वस्त्यामि, वस्त्यसि, &c. (304. a). 3d Pret. अवात्सं (304. a, 425), अवात्सीम्, अवात्सीत्; अवात्स, अवात्सं, अवात्सां; अवात्सम्, अवात्स, अवात्सुम्. Bened. उष्यामं, उष्याम्, &c. Cond. अवात्सं (304. a), अवात्स्यस्, &c. *Passive*, Pres. उष्ये (471); 3d Pret. 3d sing. अवाति. *Causal*, Pres. वासयामि, -ये; 3d Pret. अवावसं. *Des.* विवत्तामि (304. a). *Freq.* वावस्ये, वावसि or वावसीमि. *Participles*, Pres. वसत्; Past pass. उपित; Past indecl. उपित्वा, -उप्य (565); Fut. pass. वस्तव्य, वसनीय, वास्य.

608. Root अर्ह्. Inf. अर्हित् 'to deserve.' Parasmai. Pres. अर्हामि, &c. Pot. अर्हयं, &c. Imp. अर्हाणि, &c. (58). 1st Pret. अर्हं, &c. (260). 2d Pret. (371) आनर्हं, आनर्हिथ, आनर्हं; आनर्हिव, आनर्हयुस्, आनर्हतुम्; आनर्हिम्, आनर्हं, आनर्हुस्. 1st Fut. अर्हितामि, &c. 2d Fut. अर्हिष्यामि, &c. 3d Pret. अर्हिषं, अर्हिम्, अर्हीत्; अर्हिष्य, अर्हिषं, अर्हिषां; अर्हिष्य, अर्हिष्य, अर्हिषुस्. Bened. अर्ह्यामं, &c. Cond. अर्हिष्यं, &c. *Passive*, अर्ह्ये, &c.; 3d Pret. 3d sing. अर्हि. *Causal*, Pres. अर्हयामि, -ये; 3d Pret. अर्जिहं (494). *Des.* अर्जिह्यामि, &c. (500. b). *Participles*, Pres. अर्हत्; Past pass. अर्हित; Past indecl. अर्हित्वा, -अर्ह्य; Fut. pass. अर्हितव्य, अर्हणीय, अर्ह्य.

609. Root गुह् (271). Inf. गूहितुं or गोढुं 'to hide.' Parasmai and Ātmane. Pres. गूहामि, &c. Ātm. गूहे, &c. Pot. गूहेयं &c., गूहेय &c. Imp. गूहानि &c., गूहे &c. 1st Pret. अगूहं &c., अगूहे &c. 2d Pret. जुगूह (28. b), जुगूहिय or जुगूह (305. a), जुगूह; जुगूहिव or जुगूह (see note to 368. b), जुगूहयुस्, जुगूहतुम्; जुगूहिम् or जुगूह, जुगूह, जुगूहुस्. Ātm. जुगूहे, जुगूहिषे, जुगूहे, &c. 1st Fut. (413) गूहितामि or गोढामि, &c. (305. a). Ātm. गूहिताहे or गोढाहे, &c. 2d Fut. (413) गूहिष्यामि or घोष्यामि, &c. Ātm. गूहिष्ये or घोष्ये, &c. 3d Pret. अगूहिषं, अगूहीम्, अगूहीत्; अगूहिष्य, अगूहिषं, अगूहिषां; अगूहिष्य, अगूहिष्य, अगूहिषुम्. Or अघुक्षं (306. a), अघुक्षम्, अघुक्षत्; अघुक्षाव, अघुक्षतं, अघुक्षतां; अघुक्षाम, अघुक्षत, अघुक्षन्. Ātm. अगूहिषि, अगूहिष्याम्, अगूहिष्य, &c. Or अघुक्षि, अगूह्याम् (305. a), अगूह; अघुक्षहि, अघुक्षायां, अघुक्षतां; अघुक्षसि, अघूदं (306. c. d), अघुक्षत. Or अघुक्षि (439), अघुक्षयाम्, अघुक्षत; अघुक्षावहि, अघुक्षायां, अघुक्षतां; अघुक्षामहि, अघुक्षध्वं, अघुक्षन्. Bened. गुह्यामं, &c. Ātm. गूहिषीय &c. or घुक्षीय &c. (306. a). Cond. अगूहिष्यं or अघोक्ष्यं &c., अगूहिष्ये or अघोक्ष्ये &c. *Passive*, Pres. गुह्ये, &c.; 3d Pret. 3d sing. अगूहि. *Causal*, Pres. गूहयामि; 3d Pret. अजगूहं. *Des.* जुघुक्षामि, -क्षे. *Freq.* जोगुह्ये, जोगुह्यि (3d sing. जोगुह्यि 305. a) or जोगुहीमि. *Participles*, Pres. गूहत्; Past pass. गूढ (305. a); Past indecl. गूहित्वा or गूढ्वा or गुहित्वा, -गुह्य; Fut. pass. गूहितव्य or गोढव्य, गूहनीय, गुह्य or गोह्य.

610. Root दह्. Inf. दग्धुं 'to burn.' Parasmai. Pres. दहामि, दहसि, &c. Pot. दहेयं, दहेस्, &c. Imp. दहानि, दह, &c. 1st Pret. अदहं, अदहस्, &c. 2d Pret. ददाह, देहिच (375. a) or ददग्ध (305), ददाह; देहिव, देहयुस्, देहतुस्; देहिम, देह, देहुस्. 1st Fut. दग्धास्मि, दग्धामि, &c. (305). 2d Fut. धक्ष्यामि, धक्ष्यामि, &c. (306. a). 3d Pret. अधाक्षं (423), अधाक्षीस्, अधाक्षीत्; अधाक्ष, अदाग्धं, अदाग्धां; अधाक्ष, अदाग्ध, अधाक्षुस्. Bened. दक्ष्यामं, दक्ष्याम्, &c. Cond. अधक्ष्यं, अधक्ष्यस् (306. a). *Passive*, Pres. दक्षे, &c.; 3d Pret. 3d sing. अदाहि. *Causal*, Pres. दाहयामि, -ये; 3d Pret. अदीदहं. *Des.* दिधक्ष्यामि (306. a). *Freq.* दादक्षे, दादक्षि or दादहीमि; 3d sing. दादग्धि. *Participles*, Pres. दहत्; Past pass. दग्ध; Past indecl. दग्ध्वा, -दक्ष; Fut. pass. दग्ध्व्य, दहनोय, दाक्ष.

611. Root वह्. Inf. वोढुं 'to carry.' Parasmai and Ātmane. Pres. वहामि, वहसि, &c. Ātm. वहे, &c. Pot. वहेयं, वहेस्, &c. Imp. वहानि, वह, &c. Ātm. वहै, &c. 1st Pret. अवहं, अवहस्, &c. Ātm. अवहे, &c. 2d Pret. (375. c) उवाह, उवहिच or उवोढ (375. c), उवाह; ऊहिव, ऊहयुस्, ऊहतुस्; ऊहिम, ऊह, ऊहुस्. Ātm. ऊहे, ऊहिषे, ऊहे; ऊहिवहे, ऊहापे, ऊहाते; ऊहिमहे, ऊहिदे, ऊहिरे. 1st Fut. वोढास्मि, वोढामि, &c. Ātm. वोढाहे, &c. 2d Fut. वक्ष्यामि, वक्ष्यामि, &c. Ātm. वक्ष्ये, वक्ष्यसे, &c. 3d Pret. (424) अवाक्षं, अवाक्षीम्, अवाक्षीत्; अवाक्ष, अवोढं, अवोढां; अवाक्ष, अवोढ, अवाक्षुस्. Ātm. अवक्षि, अवोढाम् (424), अवोढ; अवक्ष्वहि, अवक्षायां, अवक्षातां; अवक्ष्वहि, अवोढं, अवक्षत्. Bened. उक्ष्यामं, उक्ष्याम्, &c. Ātm. वक्षीय, &c. Cond. अवक्ष्यं, अवक्ष्यस्, &c. Ātm. अवक्ष्ये, &c. *Passive*, Pres. (471) उक्षे; 1st Pret. औक्षे (260. a); 3d Pret. 3d sing. अवोहि. *Causal*, Pres. वाहयामि, -ये; 3d Pret. अवीवहं. *Des.* विवक्ष्यामि, -क्षे. *Freq.* वावक्षे, वावक्षि; 3d sing. वावोढि (compare 424). *Participles*, Pres. वहत्; Ātm. वहमान; Pass. उक्षमान; Past pass. ऊढ; Past indecl. ऊढ्वा, -उक्ष (565); Fut. pass. वोढ्व्य, वहनीय, वाक्ष.

a. The root सह्, Inf. सोढुं 'to bear,' is Ātmane only, and follows vah in making सोढाहे &c. in 1st Fut.: but in this tense it optionally, and in the other non-conjugational tenses it necessarily inserts i; thus, 1st Fut. सहिताहे; 2d Fut. सहिष्ये; 3d Pret. असहिषि; Bened. सहिषीय; Cond. असहिष्ये. The 2d Pret. is सेहे (375. a), सेहिषे, सेहे; सेहिवहे, &c. The other tenses are like the Ātmane of vah; thus, Pres. सहे, &c.

EXAMPLES OF PRIMITIVE VERBS OF THE FOURTH CON-
JUGATION, EXPLAINED AT 272.

612. Root मुह् *muh*. Infin. मोहितुं *mohitum*, 'to be troubled.'

PARASMAI-PADA. *Present tense*, 'I am troubled.'

मुह्यामि <i>muhyāmi</i>	मुह्यावस् <i>muhyāvas</i>	मुह्यामस् <i>muhyāmas</i>
मुह्यसि <i>muhyasi</i>	मुह्यथस् <i>muhyathas</i>	मुह्यथ <i>muhyatha</i>
मुह्यति <i>muhyati</i>	मुह्यतस् <i>muhyatas</i>	मुह्यन्ति <i>muhyanti</i>

Potential, 'I may be troubled.'

मुह्येयं <i>muhyeyam</i>	मुह्येव <i>muhyeva</i>	मुह्येम <i>muhyema</i>
मुह्येस् <i>muhyes</i>	मुह्येतं <i>muhyetaṁ</i>	मुह्येत <i>muhyeta</i>
मुह्येत् <i>muhyet</i>	मुह्येतां <i>muhyetāṁ</i>	मुह्येयुस् <i>muhyeyus</i>

Imperative, 'Let me be troubled.'

मुह्यानि <i>muhyāni</i>	मुह्याव <i>muhyāva</i>	मुह्याम <i>muhyāma</i>
मुह्य <i>muhya</i>	मुह्यतं <i>muhyatam</i>	मुह्यत <i>muhyata</i>
मुह्यतु <i>muhyatu</i>	मुह्यतां <i>muhyatām</i>	मुह्यन्तु <i>muhyantu</i>

First preterite, 'I was troubled.'

अमुह्यं <i>amuhyan</i>	अमुह्याव <i>amuhyāva</i>	अमुह्याम <i>amuhyāma</i>
अमुह्यस् <i>amuhyas</i>	अमुह्यतं <i>amuhyatam</i>	अमुह्यत <i>amuhyata</i>
अमुह्यत् <i>amuhyat</i>	अमुह्यतां <i>amuhyatām</i>	अमुह्यन् <i>amuhyan</i>

Second preterite, 'I became troubled.'

मुमोह <i>mumoha</i>	मुमुहिव <i>mumuhiva</i>	मुमुहिम <i>mumuhima</i>
मुमोहिथ <i>mumohitha</i> *	मुमुहथुस् <i>mumuhathus</i>	मुमुह <i>mumuha</i>
मुमोह <i>mumoha</i>	मुमुहतुस् <i>mumuhatus</i>	मुमुहुस् <i>mumuhus</i>

First future †, 'I will be troubled.'

मोहितास्मि <i>mohitāsmi</i>	मोहितास्वस् <i>mohitāsvas</i>	मोहितास्मस् <i>mohitāsmas</i>
मोहितासि <i>mohitāsi</i>	मोहितास्यस् <i>mohitāsthas</i>	मोहितास्य <i>mohitāstha</i>
मोहिता <i>mohitā</i>	मोहितारौ <i>mohitārau</i>	मोहितारस् <i>mohitāras</i>

Second future †, 'I shall be troubled.'

मोहिष्यामि <i>mohishyāmi</i>	मोहिष्यावस् <i>mohishyāvas</i>	मोहिष्यामस् <i>mohishyāmas</i>
मोहिष्यसि <i>mohishyasi</i>	मोहिष्यथस् <i>mohishyathas</i>	मोहिष्यथ <i>mohishyatha</i>
मोहिष्यति <i>mohishyati</i>	मोहिष्यतस् <i>mohishyatas</i>	मोहिष्यन्ति <i>mohishyanti</i>

* Or मुमोढ (305. a) or मुमोग्ध (305).

† The 1st and 2d futures may optionally reject the inserted *i*; see under 412.

Third preterite (435), 'I became troubled.'

अमुहं <i>amuham</i>	अमुहाव <i>amuhāva</i>	अमुहाम् <i>amuhāma</i>
अमुहस् <i>amuhas</i>	अमुहतं <i>amuhatam</i>	अमुहत <i>amuhata</i>
अमुहत <i>amuhat</i>	अमुहतां <i>amuhatām</i>	अमुहन् <i>amuhan</i>

Benedictive, 'May I be troubled.'

मुद्यासं <i>muhyāsam</i>	मुद्यास्व <i>muhyāsva</i>	मुद्यास्म <i>muhyāsma</i>
मुद्यास् <i>muhyās</i>	मुद्यास्तं <i>muhyāstam</i>	मुद्यास्त <i>muhyāsta</i>
मुद्यात् <i>muhyāt</i>	मुद्यास्तां <i>muhyāstām</i>	मुद्यामुस् <i>muhyāsus</i>

Conditional, 'I should be troubled.'

अमोहिष्यं <i>amohishyam</i>	अमोहिष्याव <i>amohishyāva</i>	अमोहिष्याम <i>amohishyāma</i>
अमोहिष्यस् <i>amohishyas</i>	अमोहिष्यतं <i>amohishyatam</i>	अमोहिष्यत <i>amohishyata</i>
अमोहिष्यत् <i>amohishyat</i>	अमोहिष्यतां <i>amohishyatām</i>	अमोहिष्यन् <i>amohishyan</i>

Passive, Pres. मुद्ये; 3d Pret. 3d sing. अमोहि. Causal, Pres. मोहयामि; 3d Pret. अमूमहं. Des. मुमोहिष्यामि or मुमुहिष्यामि or मुमुक्ष्यामि. Freq. मोमुद्ये, मोमोक्षि; 3d sing. मोमोदि or मोमोग्धि (305). Participles, Pres. मुद्यत्; Past pass. मूढ (305) or मुग्ध; Past indecl. मोहित्वा or मुहित्वा or मुग्ध्वा or मूढा, -मुद्य; Fut. pass. मोहितव्य or मोग्धव्य, मोहनीय, मोद्य.

EXAMPLES OF OTHER VERBS OF THE FOURTH CONJUGATION
IN THE ORDER OF THEIR FINAL LETTERS.

613. Root सो (276. a). Inf. सातुं 'to destroy' (with prepositions *vi* and *ava*, 'to determine,' 'to strive'). Parasmai. Pres. स्यामि, &c. Pot. स्येयं, &c. Imp. स्यानि, &c. 1st Pret. अस्म्यं, &c. 2d Pret. (374) ससौ, ससिथ or ससाथ, ससौ; ससिव, ससथुस्, ससतुस्; ससिम, सस, ससुस्. 1st Fut. सातास्मि, &c. 2d Fut. सास्यामि, &c. 3d Pret. (438. b) असां, असास्, असात्; असाव, असातं, असातां; असाम, असात, असुस्. Or असासिषं (433), असासीस्, असासीत्; असासिष्व, असासिष्टं, असासिष्टां; असासिष्म, असासिष्ट, असासिषुस्. Bened. सेयासं, &c. Cond. असास्यं, &c. *Passive, Pres. सीये; 3d Pret. 3d sing. असापि. Causal, साययामि; 3d Pret. असीषयं. Des. सिषासामि. Freq. सेषीये, सासेनि, सासामि. Participles, Pres. स्यत्; Past pass. सित; Past indecl. सित्वा, -साय; Fut. pass. सातव्य, सानीय, सेय.*

614. Root बुध्. Inf. बोद्धुं 'to know'*. *Ātmane. Pres. बुध्ये, &c. Pot. बुध्येय, &c. Imp. बुध्यै, &c. 1st Pret. अबुध्ये, &c. 2d Pret. बुबुधे;*

* This verb is also of the 1st conjugation. See the tables at 583.

see the tables at 583. 1st Fut. वोद्वाहे, &c. 2d Fut. भोत्से, &c. (299. a). 3d Pret. (420, 299. a) अभुत्सि, अबुद्वास्, अबुद्ध or अबोधि (434); अभुत्स्वहि, अभुत्सायां, अभुत्सातां; अभुत्स्वहि, अबुद्धं, अभुत्सत. Bened. भुत्सीय, &c. Cond. अभोत्से, &c. For the other forms, see वुध् at 583.

615. Root व्यध् (277). Inf. व्यद्धुं 'to pierce.' Parasmai. Pres. विध्यामि, &c. Pot. विध्येयं, &c. Imp. विध्यानि, &c. 1st Pret. अविध्यं, &c. 2d Pret. (383) विव्याध, विव्याधिथ or विव्यद्ध, विव्याध; विविधिव, विविधयुम्, विविधतुस्; विविधिम, विविध, विविधुस्. 1st Fut. व्यद्वास्मि, &c. (298). 2d Fut. व्यत्यामि, &c. (299). 3d Pret. (420) अव्यात्सं, अव्यात्सीम्, अव्यात्सीत्; अव्यात्स्व. अव्यात्तं (419), अव्यात्तां; अव्यात्स्म, अव्यात्त, अव्यात्सुम्. Bened. विध्यासं, &c. Cond. अव्यात्सं. *Passive*, Pres. विध्ये, &c.; 3d Pret. 3d sing. अव्याधि. *Causal*, व्याधयामि; 3d Pret. अविव्यधं. *Des.* विव्यात्सामि. *Freq.* वेविध्ये, वाव्यधि. *Participles*, Pres. विध्यत्; Past pass. विद्ध; Past indecl. विद्धा, -विध्य; Fut. pass. व्यद्धव्य, व्यधनीय, वेध्य or व्याध्य.

616. Root सिध् (273). Inf. सेद्धुं 'to succeed.' Parasmai. Pres. सिध्यामि, &c. Pot. सिध्येयं, &c. Imp. सिध्यानि, &c. 1st Pret. असिध्यं, &c. 2d Pret. सिपेध, सिपेधिथ or सिपेद्ध, सिपेध; सिपिधिव or सिपिध्व (see note to 368. b), सिपिधयुस्, सिपिधतुस्; सिपिधिम or सिपिध्म, सिपिध, सिपिधुस्. 1st Fut. सेद्वास्मि, &c. (298). 2d Fut. सेत्यामि, &c. (299). 3d Pret. * असिधं, असिधम्, असिधत्; असिधाव, असिधतं, असिधतां; असिधाम, असिधत, असिधन्. Bened. सिध्यासं, &c. Cond. असेत्सं, &c. *Passive*, सिध्ये, &c.; 3d Pret. 3d sing. असेधि. *Causal*, Pres. सेधयामि or साधयामि; 3d Pret. असीपिधं. *Des.* सिपित्सामि. *Freq.* सेपिध्ये, सेपेधि. *Participles*, Pres. सिध्यत्; Past pass. सिद्ध; Past indecl. सिद्धा or सेधित्वा or सिधित्वा, -सिध्य; Fut. pass. सेद्धव्य, सेधनीय, सेध्य.

617. Root मन् †. Inf. मन्तुं 'to think,' 'to imagine.' *Ātmane*. Pres. मन्ये, &c. Pot. मन्येय, &c. Imp. मन्ये, &c. 1st Pret. अमन्ये, &c. 2d Pret. मेने (375. a), मेनिपे, मेने; मेनिवहे, मेनापे, मेनाते; मेनिमहे, मेनिध्वे, मेनिरे. 1st Fut. मन्ताहे. 2d Fut. मंस्ये, &c. 3d Pret. (418) † अमंसि, अमंस्थास्, अमंस्त; अमंस्वहि, अमंसायां, अमंसातां; अमंस्वहि, अमन्ध्वं, अमंसत. Bened. मंसीय, &c. Cond. अमंस्ये. *Passive*, Pres. मन्ये; 3d Pret. 3d sing. अमानि. *Causal*, Pres. मानयामि; 3d Pret. अमीमनं. *Des.* मिमंसे or मीमांसे or मिमनिपे. *Freq.* मन्मन्ये, मन्मन्मि. *Participles*, Pres. मन्यमान;

* When सिध् is of the 1st c., it makes its 3d preterite असिधिपं &c. or असित्सं &c.

† The root मन् is rarely conjugated in the 8th c. *Ātmane* (see 684), when the 3d preterite is अमनिपि, अमनिष्ठास् or अमथास्, अमनिष्ठ or अमत, &c. See 426. b.

Past pass. मत; Past indecl. मत्वा or मन्तित्वा, -मत्; Fut. pass. मन्तव्य, मननीय, मान्य.

a. The root जन्, Inf. जनितुं 'to be born,' makes Pres. जाये, &c.; Pot. जायेय, &c.; Imp. जाये, &c.; 1st Pret. अजाये, &c. But these may be regarded as coming from the Passive of jan, 3d conj. See 667.

618. Root तृप्. Inf. तृप्तुं or तृप्तुं or तृप्तिं 'to be satisfied.' Parasmai. Pres. तृप्सामि, &c. Pot. तृप्सेयं, &c. Imp. तृप्सणि, &c. 1st Pret. अतृप्यं, &c. 2d Pret. ततर्पे, ततर्पिथ or ततर्पथ or तत्त्वप्य, ततर्पे; ततृपिव or ततृप्, ततृपथुस्, ततृपतुस्; ततृपिम or ततृप्, ततृप, ततृपुस्. 1st Fut. (388. c) तर्प्तास्मि or तर्प्तास्मि or तर्प्तितास्मि, &c. 2d Fut. तर्प्स्यामि or तर्प्स्यामि or तर्प्स्यामि, &c. 3d Pret. (420) अतर्प्से, अतर्प्सीम्, अतर्प्सीत्; अतर्प्से, अतर्प्से, अतर्प्से; अतर्प्से, अतर्प्से, अतर्प्से. Or अतर्प्से, अतर्प्से, अतर्प्से (388. c), &c. Or अतर्पिथं, अतर्पिथं, अतर्पिथं, &c. Or अतृपं, अतृपम्, अतृपत्; अतृपाव, अतृपतं, अतृपतां; अतृपाम, अतृपत, अतृपन्. Bened. तृप्सामं, &c. Cond. अतर्प्यं or अतर्प्यं or अतर्पिथं, &c. Passive, Pres. तृप्से, &c.; 3d Pret. 3d sing. अतर्पि. Causal, Pres. तर्पयामि; 3d Pret. अतीतृपं or अततर्पे. Des. तितृप्सामि or तितृप्सामि or तितर्पिषामि. Freq. तरीतृप्से, तरीतर्प्से or तरीतर्प्से. Participles, Pres. तृप्सत्; Past pass. तृप्त; Past indecl. तृप्त्वा, -तृप्; Fut. pass. तर्प्य, तर्पणीय, तृप्य.

619. Root शम् (275). Inf. शमितुं 'to be appeased.' Parasmai. Pres. शाम्यामि, &c. Pot. शाम्येयं, &c. Imp. शाम्यानि, &c. 1st Pret. अशाम्यं, &c. 2d Pret. शशान, शेमिथ (375. a), शशाम; शेमिथ, शेमथुस्, शेमतुस्; शेमिम, शेम, शेमस्. 1st Fut. शमित्तास्मि, &c. 2d Fut. शमित्यामि, &c. 3d Pret. अशमं, अशमम्, अशमत्; अशमाव, अशमतं, अशमतां; अशमाम, अशमत, अशमन्. Or अशमिथं, अशमीम्, अशमीत्; अशमिथ, &c. Bened. शाम्यासं, &c. Cond. अशमिथं, &c. Passive, Pres. शाम्ये, &c.; 3d Pret. 3d sing. अशमि. Causal, Pres. शमयामि; 3d Pret. अशीशमं, &c. Des. शिशमिषामि. Freq. शंशाम्ये, शंशामि; 3d sing. शंशामि. Participles, Pres. शाम्यत्; Past pass. शान्त; Past indecl. शान्त्वा or शान्त्वा, -शाम्य; Fut. pass. शमितव्य, शमनीय, शाम्य.

620. Root नश्. Inf. नशितुं or नष्टुं 'to perish.' Parasmai. Pres. नश्यामि, &c. Pot. नश्येयं, &c. Imp. नश्यानि, &c. 1st Pret. अनश्यं, &c. 2d Pret. (375. a) ननाश or ननश, नेशिथ or ननष्ट (388. d, 375. a), ननाश; नेशिथ or नेश्, नेशथुस्, नेशतुस्; नेशिम, नेश, नेशुस्. 1st Fut. नशित्तास्मि or नष्टास्मि (388. d), &c. 2d Fut. नशिष्यामि or नष्ट्यामि, &c. 3d Pret. (436) अनशं, अनशम्, अनशत्; अनशाव, अनशतं, अनशतां; अनशाम, अनशत, अनशन्. Or अनेशं, &c. (436, 441). Bened. नश्यामं, &c. Cond.

अनशियं &c. or अनस्यं &c. *Passive*, Pres. नश्ये; 3d Pret. 3d sing. अनाशि. *Causal*, Pres. नाशयामि; 3d Pret. अनीनशं. *Des.* निनशियामि, निनश्यामि. *Freq.* नानश्ये, नानशिम; 3d sing. नानश्टि or नानंश्टि. *Participles*, Pres. नश्यत्; Past pass. नष्ट; Past indecl. नष्टा or नंष्टा, -नश्य; Fut. pass. नशितव्य, नशनीय, नाश्य.

621. Root पुष्*. Inf. पोष्टुं 'to be nourished,' 'to grow fat.' Parasmai. Pres. पुष्यामि, &c. Pot. पुष्येयं, &c. Imp. पुष्याणि, &c. 1st Pret. अपुष्यं, &c. 2d Pret. पुपोष, पुपोषिथ, पुपोष; पुपुषिव, पुपुषयुस्, पुपुषतुस्; पुपुषिम, पुपुष, पुपुषुस्. 1st Fut. पोष्टास्मि, &c. 2d Fut. पोष्यामि, &c. 3d Pret. (436) अपुषं, अपुषस्, अपुषत्; अपुषाव, अपुषतं, अपुषतां; अपुषाम, अपुषत, अपुषन्. Bened. पुष्यासं, &c. Cond. अपोष्यं, &c. *Passive*, Pres. पुष्ये; 3d Pret. 3d sing. अपोषि. *Causal*, Pres. पोषयामि; 3d Pret. अपूपुषं. *Des.* पुपोषियामि or पुपुषियामि or पुपुष्यामि. *Freq.* पोषुष्ये, पोषोषि. *Participles*, Pres. पुष्यत्; Past pass. पुष्ट; Past indecl. पुष्टा, -पुष्य; Fut. pass. पोष्टव्य, पोषणीय, पोष्य.

622. Root अस्. Inf. असितुं 'to throw.' Parasmai. Pres. अस्यामि, &c. Pot. अस्येयं, &c. Imp. अस्यानि, &c. 1st Pret. आस्यं, &c. 2d Pret. आस, आसिथ, आस; आसिव, आसयुस्, आसतुस्; आसिम, आस, आसुस्. 1st Fut. असितास्मि, &c. 2d Fut. असिष्यामि, &c. 3d Pret. (441) आस्यं, आस्यस्, आस्यत्; आस्याव, आस्यतं, आस्यतां; आस्याम, आस्यत, आस्यन्. Bened. अस्यासं, &c. Cond. आसिष्यं. *Passive*, Pres. अस्ये; 3d Pret. 3d sing. आसि. *Causal*, Pres. आसयामि; 3d Pret. आसिसं. *Des.* असिसियामि. *Participles*, Pres. अस्यत्; Past pass. अस्त; Past indecl. असित्वा or अस्ता, -अस्य; Fut. pass. असितव्य, असनीय, आस्य.

623. Root द्रुह्. Inf. द्रोघुं or द्रोहितुं 'to injure,' 'to bear malice.' Parasmai. Pres. द्रुह्यामि, &c. Pot. द्रुह्येयं, &c. Imp. द्रुह्याणि, &c. 1st Pret. अद्रुहं, &c. 2d Pret. द्रुद्रोह, द्रुद्रोहिथ or द्रुद्रोघ or द्रुद्रोढ, द्रुद्रोह; द्रुद्रुहिव, द्रुद्रुहयुस्, द्रुद्रुहतुस्; द्रुद्रुहिम, द्रुद्रुह, द्रुद्रुहुस्. 1st Fut. (413) द्रोघ्यास्मि or द्रोढास्मि or द्रोहितास्मि, &c. 2d Fut. घोष्यामि (306. a) or द्रोहिष्यामि, &c. 3d Pret. अद्रुहं, अद्रुहस्, अद्रुहत्; अद्रुहाव, अद्रुहतं, अद्रुहतां; अद्रुहाम, अद्रुहत, अद्रुहन्. Bened. द्रुह्यासं, &c. Cond. अद्रोष्यं (306. a) or अद्रोहिष्यं, &c. *Passive*, Pres. द्रुह्ये; 3d Pret. 3d sing. अद्रोहि. *Causal*, Pres. द्रोहयामि; 3d Pret. अद्रुद्रुहं. *Des.* द्रुद्रोहियामि or द्रुद्रुहियामि or द्रुघुष्यामि (306. a). *Freq.* दोद्रुह्ये, दोद्रोहि (3d sing. दोद्रोघि or दोद्रोढि). *Participles*, Pres. द्रुह्यत्; Past pass. द्रुघ् or द्रुढ; Past indecl. द्रुध्वा or द्रुहित्वा or द्रोहित्वा, -द्रुह्य; Fut. pass. द्रोघव्य, द्रोहणीय, द्रोह्य.

* This root is also conjugated in the 9th conj. See 698.

624. Root नह्. Inf. नहुं 'to tie,' 'to bind,' 'to fasten.' Parasmai and Ātmane. Pres. नह्यामि, &c. Ātm. नह्ये, &c. Pot. नह्येयं, &c. Ātm. नह्येय. Imp. नह्यानि, &c. Ātm. नह्यै, &c. 1st Pret. अनाह्यं, &c. Ātm. अनाह्ये, &c. 2d Pret. ननाह or ननह, नेहिय or ननह, ननाह; नेहिय, नेहियुस्, नेहतुस्; नेहिम, नेह, नेहुस्. Ātm. नेहे, नेहिषे, नेहे; नेहियहे, नेहापे, नेहाते; नेहिमहे, नेहिदे, नेहिरे. 1st Fut. नह्यास्मि, &c. Ātm. नह्याहे, &c. 2d Fut. (306. b) नह्यामि, &c. Ātm. नह्ये, &c. 3d Pret. (425) अनाह्यं, अनाह्यीम्, अनाह्यीत्; अनाह्यस्, अनाह्यं, अनाह्यां; अनाह्यस्, अनाह्य, अनाह्युम्. Ātm. अनाह्यि, अनाह्याम्, अनाह्य; अनाह्यहि, अनाह्यायां, अनाह्यातां; अनाह्यहि, अनाह्यं, अनाह्यत. Bened. नह्यामं, &c. Ātm. नह्यीय, &c. Cond. अनाह्यं, &c. Ātm. अनाह्ये, &c. *Passive*, Pres. नह्ये, &c.; 3d Pret. 3d sing. अनाहि. *Causal*, नाह्यामि; 3d Pret. अनीनहं. *Des.* निनाह्यामि, -त्से (306. b). *Freq.* नानह्ये, नानह्यि (3d sing. नानह्यि). *Participles*, Pres. नह्यत्; Past pass. नह्य; Past indecl. नह्या, -नह्य; Fut. pass. नह्यिष्य, नहनीय, नाह्य.

EXAMPLES OF PRIMITIVE VERBS OF THE SIXTH CONJUGATION, EXPLAINED AT 278.

625. Root मृज् *ṣrij*. Infin. मृजुं *śraśtūm*, 'to create' or 'let go.'

PARASMAI-PADA only.

Present tense, 'I create.'

मृजामि <i>ṣrijāmi</i>	मृजावम् <i>ṣrijāvus</i>	मृजामस् <i>ṣrijāmas</i>
मृजसि <i>ṣrijasi</i>	मृजथम् <i>ṣrijathas</i>	मृजथ <i>ṣrijatha</i>
मृजति <i>ṣrijati</i>	मृजतस् <i>ṣrijatas</i>	मृजन्ति <i>ṣrijanti</i>

Potential, 'I may create.'

मृजेयं <i>ṣrijeyam</i>	मृजेव <i>ṣrijeva</i>	मृजेम <i>ṣrijema</i>
मृजेस् <i>ṣrijes</i>	मृजेतं <i>ṣrijetam</i>	मृजेत <i>ṣrijeta</i>
मृजेत् <i>ṣrijet</i>	मृजेतां <i>ṣrijetām</i>	मृजेयुस् <i>ṣrijeyus</i>

Imperative, 'Let me create.'

मृजानि <i>ṣrijāni</i>	मृजाव <i>ṣrijāva</i>	मृजाम <i>ṣrijāma</i>
मृज <i>ṣrija</i>	मृजतं <i>ṣrijatam</i>	मृजत <i>ṣrijata</i>
मृजतु <i>ṣrijatu</i>	मृजतां <i>ṣrijatām</i>	मृजन्तु <i>ṣrijantu</i>

First preterite, 'I was creating.'

अमृजं <i>asrijam</i>	अमृजाव <i>asrijāva</i>	अमृजाम <i>asrijāma</i>
अमृजस् <i>asrijas</i>	अमृजतं <i>asrijatam</i>	अमृजत <i>asrijata</i>
अमृजत् <i>asrijat</i>	अमृजतां <i>asrijatām</i>	अमृजन् <i>asrijan</i>

Second preterite, 'I created.'

ससर्जं <i>sasarja</i>	ससृजिव <i>sasrijiva</i>	ससृजिम <i>sasrijima</i>
ससर्जिय <i>sasarjitha</i> *	ससृजथुम् <i>sasrijathus</i>	ससृज <i>sasrija</i>
ससर्जं <i>sasarja</i>	ससृजतुम् <i>sasrijatus</i>	ससृजुस् <i>sasrijus</i>

First future, 'I will create.'

सष्टामि <i>srashtāsmi</i> (388. c)	सष्टास्वम् <i>srashtāswas</i>	सष्टास्मस् <i>srashtāsmas</i>
सष्टामि <i>srashtāsi</i>	सष्टास्यम् <i>srashtāsthas</i>	सष्टास्य <i>srashtāstha</i>
सष्टा <i>srashtā</i>	सष्टारौ <i>srashtārau</i>	सष्टारम् <i>srashtāras</i>

Second future, 'I shall create.'

सक्ष्यामि <i>sraکش्यामी</i>	सक्ष्यावम् <i>sraکش्यावास</i>	सक्ष्यामस् <i>sraکش्यामास</i>
सक्ष्यामि <i>sraکش्यासी</i>	सक्ष्याथम् <i>sraکش्याथस</i>	सक्ष्याथ <i>sraکش्याथा</i>
सक्ष्याति <i>sraکش्याती</i>	सक्ष्यातम् <i>sraکش्यातास</i>	सक्ष्यान्ति <i>sraکش्यान्ती</i>

Third preterite, 'I created.'

असार्क्षं <i>asaráksham</i>	असार्क्ष्व <i>asarákshwa</i>	असार्क्ष्म <i>asarákshma</i>
असार्क्षीम् <i>asarákshís</i>	असार्ष्टं <i>asaráshṭam</i>	असार्ष्ट <i>asaráshṭa</i>
असार्क्षीत् <i>asarákshít</i>	असार्ष्टां <i>asaráshṭám</i>	असार्क्षुस् <i>asarákshus</i>

Benedictive, 'May I create.'

मृज्यामं <i>srijyásam</i>	मृज्यास्व <i>srijyáswa</i>	मृज्यास्म <i>srijyásmā</i>
मृज्याम् <i>srijyásam</i>	मृज्यास्तं <i>srijyástam</i>	मृज्यास्त <i>srijyástā</i>
मृज्यात् <i>srijyátam</i>	मृज्यास्तां <i>srijyástám</i>	मृज्यामुस् <i>srijyásus</i>

Conditional, 'I should create.'

असक्ष्यं <i>asraکش्याम</i>	असक्ष्याव <i>asraکش्यावा</i>	असक्ष्याम <i>asraکش्यामा</i>
असक्ष्यम् <i>asraکش्यास</i>	असक्ष्यतं <i>asraکش्याताम</i>	असक्ष्यत <i>asraکش्याता</i>
असक्ष्यत् <i>asraکش्यात</i>	असक्ष्यतां <i>asraکش्याताम</i>	असक्ष्यन् <i>asraکش्यान्</i>

Passive, Pres. मृज्ये; 3d Pret. 3d sing. असर्जि. Causal, Pres. सर्जयामि; 3d Pret. अससर्जं or अससृजं. Des. मिसृक्ष्यामि, -क्षे. Freq. सरीमृज्ये or सरीमृज्मि (3d sing. सरीमृष्टि). Participles, Pres. मृजत्; Past pass. मृष्ट (297); Past indecl. मृष्टा, -मृज्य; Fut. pass. सष्टव्य, सर्जनीय, मृज्य.

EXAMPLES OF OTHER VERBS OF THE SIXTH CONJUGATION
IN THE ORDER OF THEIR FINAL LETTERS.

626. Root मृ (280). Inf. मर्त्तुं 'to die.' Átmane only in conj. tenses. Pres. म्रिये, &c. Pot. म्रियेय, &c. Imp. म्रियै, &c. 1st Pret. अम्रिये, &c. 2d Pret. ममार, ममरिय or ममर्यै, ममार; ममिव, ममथुस्, ममतुस्;

* Or ससष्ट *sasrashtā*. See 297 and 388. c.

मघिम, मघ, मघुस्. *Ātm.* मघे, मघिषे, मघे; मघिवहे, मघाषे, मघाते; मघिमहे, मघिदे, मघिरे. 1st Fut. मघ्नास्मि, &c. 2d Fut. मरिष्यामि, &c. 3d Pret. *Ātm.* अमृषि, अमृषास्, अमृत; अमृष्वहि, अमृषाषां, अमृषातां; अमृष्वहि, अमृदं, अमृषत. *Bened. Ātm.* मृषीय, &c. *Cond.* अमरिष्यं, &c. *Passive, Pres.* मघिषे; 3d Pret. 3d sing. अमारि. *Causal, Pres.* मारयामि; 3d Pret. अमीमरं. *Des.* मुमूर्षामि (502). *Freq.* मेन्नीये, मामर्नि. *Participles, Pres.* मघिमण; *Past pass.* मृत; *Past indecl.* मृत्वा, -मृत्य; *Fut. pass.* मर्त्तव्य, मरणीय, मार्य्य.

627. Root कृ (280). *Inf.* करितुं or करीतुं 'to scatter.' *Parasmai.* *Pres.* किरामि, &c. *Pot.* किरेयं, &c. *Imp.* किराणि, &c. 1st Pret. अकिरं, &c. 2d Pret. (367. c) चकार, चकरिष्य, चकार; चकरिच, चकरयुस्, चकरतुस्; चकरिम, चकर, चकहस्. 1st Fut. (399) करितास्मि or करीतास्मि, &c. 2d Fut. (399) करिष्यामि or करीष्यामि, &c. 3d Pret. अकारिषं, अकारीस्, अकारीत्; अकारिष्व, अकारिष्टं, अकारिष्टां; अकारिष्म, अकारिष्ट, अकारिष्मस्. *Bened.* कीर्यासं, &c. *Cond.* अकरिष्यं or अकरीष्यं. *Passive, Pres.* कीर्ये; 3d Pret. 3d sing. अकारि. *Causal, Pres.* कारयामि; 3d Pret. अचोकरं. *Des.* चिकरिष्यामि or चिकरीष्यामि. *Freq.* चेकीर्ये, चाकर्नि. *Participles, Pres.* किरत्; *Past pass.* कीर्य (531. a); *Past indecl.* कीर्त्वा, -कीर्य; *Fut. pass.* करितव्य or करीतव्य, करणीय, कार्य्य.

628. Root मुच् (281). *Inf.* मोक्तुं 'to loose,' 'to let go.' *Parasmai* and *Ātmane.* *Pres.* मुञ्चामि, &c. *Ātm.* मुञ्चे, &c. *Pot.* मुञ्चेयं, &c. *Ātm.* मुञ्चेय, &c. *Imp.* मुञ्चानि, &c. *Ātm.* मुञ्चै, &c. 1st Pret. अमुञ्चं, &c. *Ātm.* अमुञ्चे, &c. 2d Pret. मुमोच, मुमोचिष्य, मुमोच; मुमुचिव, मुमुचयुस्, मुमुचतुस्; मुमुचिम, मुमुच, मुमुचुस्. *Ātm.* मुमुचे, मुमुचिषे, मुमुचे; मुमुचिवहे, मुमुचाषे, मुमुचाते; मुमुचिमहे, मुमुचिध्वे, मुमुचिरे. 1st Fut. मोक्तास्मि, &c. *Ātm.* मोक्ताहे, &c. 2d Fut. मोक्ष्यामि, &c. *Ātm.* मोक्ष्ये, &c. 3d Pret. अमुञ्चं, अमुचस्, अमुचत्; अमुचाव, अमुचतं, अमुचतां; अमुचाम, अमुचत, अमुचन्. *Ātm.* अमुक्षि, अमुक्पास्, अमुक्त; अमुक्त्वहि, अमुक्षाषां, अमुक्षातां; अमुक्त्वहि, अमुग्ध्वं, अमुक्षत. *Bened.* मुञ्च्यासं, &c. *Ātm.* मुक्षीय, &c. (452). *Cond.* अमोक्ष्यं, &c. *Ātm.* अमोक्ष्ये, &c. *Passive, Pres.* मुञ्चे; 3d Pret. 3d sing. अमोचि. *Causal, Pres.* मोचयामि; 3d Pret. अमूचं. *Des.* मुमुक्षामि, -क्षे. *Freq.* मोमुच्ये, मोमोच्यि (3d sing. मोमोक्ति). *Participles, Pres.* मुञ्चत्; *Past pass.* मुक्त; *Past indecl.* मुक्त्वा, -मुच्य; *Fut. pass.* मोक्तव्य, मोचनीय, मोच्य. For the other verbs of this class which insert a nasal, see 281.

629. Root व्यच् (282). *Inf.* व्यचितुं 'to deceive.' *Parasmai.* *Pres.* विचामि, &c. *Pot.* विचेयं, &c. *Imp.* विचानि, &c. 1st Pret. अवचिचं, &c. 2d Pret. (383) विव्याच, विव्यचिष्य, विव्याच; विविचिव, विविचयुस्, विविचतुस्;

विविचिम, विविचि, विविचुस्. 1st Fut. व्यचितास्मि, &c. 2d Fut. व्यचिष्यामि. 3d Pret. अय्याचिषं, अय्याचीस्, &c. Or अव्यचिषं, अव्यचीस्, &c.; see 427. Bened. विच्यासं, &c. Cond. अव्यचिष्यं, &c. *Passive*, Pres. विच्ये; 3d Pret. 3d sing. अय्याचि. *Causal*, Pres. व्याचयामि; 3d Pret. अविच्यचं. *Des.* विविचिषामि or विच्यचिषामि. *Freq.* वेविच्ये, वाच्यच्चि or वाच्यचीमि. *Participles*, Pres. विचत्; Past pass. विचित्; Past indecl. विचित्वा, -विच्य; Fut. pass. व्यचितव्य, विचनीय, व्याच्य.

630. Root व्रश् (282). Inf. व्रश्नुतु 'to cut.' Parasmai. Pres. वृश्नामि, &c. Pot. वृश्नेयं. Imp. वृश्नानि. 1st Pret. अवृश्न्, &c. 2d Pret. वव्रश्न्, वव्रश्निय or वव्रश्, वव्रश्न्; वव्रश्निव, वव्रश्न्युस्, वव्रश्नुतुस्; वव्रश्निम, वव्रश्न्, वव्रश्नुस्. 1st Fut. (401) व्रश्नतास्मि or व्रश्नास्मि, &c. 2d Fut. व्रश्नष्यामि or व्रश्नामि, &c. 3d Pret. अव्रश्निषं, अव्रश्नीस्, अव्रश्नीत्; अव्रश्निष्व, &c., see 427. Or अव्राहं (418, 419), अव्राहीस्, अव्राहीत्; अव्राह्व, अव्राहं (297), अव्राहां; अव्राह्म, अव्राह्, अव्राह्युस्. Bened. वृश्न्यासं, &c. Cond. अव्रश्निष्यं or अव्रह्म्यं, &c. *Passive*, Pres. वृश्ने (472); 3d Pret. 3d sing. अव्रश्नि (475. a, note). *Causal*, Pres. व्रश्नयामि; 3d Pret. अविव्रश्न्. *Des.* विव्रश्निषामि or विव्रह्नामि. *Freq.* वरीवृश्ने, वरीवृश्नीमि. *Participles*, Pres. वृश्न्त्; Past pass. वृक्ण or वृक्ण (541, 58); Past indecl. व्रश्नित्वा, -वृश्न् (565); Fut. pass. व्रश्नितव्य or व्रश्न्य, व्रश्नीय, व्रश्न्.

631. Root प्रश् or प्रच्छ (282). Inf. प्रश्नु 'to ask.' Parasmai. Pres. पृच्छामि, &c. Pot. पृच्छेयं, &c. Imp. पृच्छानि, &c. 1st Pret. अपृच्छं, &c. 2d Pret. (381) पप्रच्छ, पप्रच्छिय or पप्रश्, पप्रच्छ; पप्रच्छिव, पप्रच्छ्युस्, पप्रच्छ-तुस्; पप्रच्छिम, पप्रच्छ, पप्रच्छुस्. 1st Fut. प्रश्नास्मि, &c. 2d Fut. प्रश्नामि, &c. 3d Pret. अप्रश्नां, अप्रश्नीस्, अप्रश्नीत्; अप्रश्न्व, अप्रश्ं, अप्रश्ं; अप्रश्न्म, अप्रश्, अप्रश्नुस्. Bened. पृच्छ्यासं, &c. Cond. अप्रश्न्यं, &c. *Passive*, Pres. पृच्छे (472); 3d Pret. 3d sing. अप्रश्नि. *Causal*, प्रच्छयामि; 3d Pret. अप्रप्रच्छं. *Des.* पिपृच्छिषामि. *Freq.* पतीपृच्छे, पाप्रश्न्म. *Participles*, Pres. पृच्छत्; Past pass. पृष्ट; Past indecl. पृष्ट्वा, -पृच्छ (565); Fut. pass. प्रष्टव्य, प्रच्छनीय, प्रच्छन्.

632. Root भज् or भस्ज्. Inf. भष्टु or भष्टु 'to fry.' Parasmai and Ātmane. Pres. भृज्जामि, &c. Ātm. भृज्जे, &c. Pot. भृज्जेयं, &c. Ātm. भृज्जेय, &c. Imp. भृज्जानि, &c. Ātm. भृज्जे, &c. 1st Pret. अभृज्जं, &c. Ātm. अभृज्जे, &c. 2d Pret. (381) वभज्ज, वभज्जिय or वभश्, वभज्ज; वभज्जिव, वभज्ज्युस्, वभज्जतुस्; वभज्जिम, वभज्ज, वभज्जुस्. Or वभज्जे, वभज्जिय or वभष्ट, वभज्जे; वभज्जेव, &c. Ātm. वभज्जे, वभज्जिये, &c. Or वभज्जे, वभज्जिये, &c. 1st Fut. भश्नास्मि or भष्टास्मि, &c. Ātm. भश्नाहे or भष्टाहे, &c. 2d Fut. भश्नामि or भष्ट्यामि &c., भश्ये or भष्ट्ये &c. 3d Pret. अभ्रश्नां, अभ्रश्नीस्, अभ्रश्नीत्; अभ्रश्न्व, अभ्रश्ं, अभ्रश्ं; अभ्रश्न्म, अभ्रश्, अभ्रश्नुस्. Or अभ्रश्ं, &c.

Átm. अभक्षि, अभष्टास्, अभक्षत; अभक्ष्वहि, अभक्षायां, अभक्षातां; अभक्ष्महि, अभक्ष्दुं, अभक्षत. Or अभर्क्षि, अभर्ष्टास्, अभर्ष्ट; अभर्क्ष्वहि, अभर्क्षायां, अभर्क्षातां; अभर्क्ष्महि, अभर्क्ष्दुं, अभर्क्षत. Bened. भृञ्ज्यासं, &c. Átm. भक्षीय &c. or भर्क्षीय &c. Cond. अभक्ष्यं &c. or अभर्क्ष्यं &c. Átm. अभक्ष्ये &c. or अभर्क्ष्ये &c. *Passive*, Pres. भृञ्ज्ये. *Causal*, Pres. भञ्जयामि; 3d Pret. अबभञ्जं or अबभञ्जं. *Des.* विभक्षामि, -क्षे, or विभर्क्षामि, -क्षे; or विभञ्जिषामि, -षे, or विभर्क्षिषामि, -षे, &c. *Freq.* बरीभृञ्ज्ये, वाभञ्जिम (3d sing. वाभष्टि). *Participles*, Pres. भृञ्जत; Past pass. भृष्ट; Past indecl. भृष्टा, -भृञ्ज्य; Fut. pass. भृष्टव्य or भर्ष्टव्य, भर्क्षनीय, भर्ष्य.

633. Root मञ् or मस्. Inf. मंक्तुं 'to be immersed,' 'to sink.' Parasmai. Pres. मञ्जामि, &c. Pot. मञ्जेयं, &c. Imp. मञ्जानि, &c. 1st Pret. अमञ्जं, &c. 2d Pret. ममञ्ज, ममञ्जिष्य or ममंक्ष्य, ममञ्ज; ममञ्जिव, ममञ्ज्युस्, ममञ्जतुस्; ममञ्जिम, ममञ्ज, ममञ्जुस्. 1st Fut. मंक्तास्मि, &c. 2d Fut. मंक्ष्यामि, &c. 3d Pret. (426) अमांक्षं, अमांक्षीस्, अमांक्षीत्; अमांक्ष्व, अमांक्त्वं, अमांक्तां; अमांक्ष्व, अमांक्त्वं, अमांक्षुस्. Bened. मञ्ज्यासं, &c. Cond. अमंक्ष्यं, &c. *Passive*, Pres. मञ्ज्ये. *Causal*, Pres. मञ्जयामि; 3d Pret. अममञ्जं. *Des.* मिमंक्षामि. *Freq.* मामञ्ज्ये, मामञ्जिम (3d sing. मामंक्ति). *Participles*, Pres. मञ्जत; Past pass. मग्न; Past indecl. मंक्ता, मक्ता, -मञ्ज्य; Fut. pass. मंक्त्व्य, मञ्जनीय, मञ्ज्य.

634. Root तुद्. Inf. तोक्तुं 'to strike,' 'to hurt.' Parasmai and Átmane. Pres. तुदामि, &c. Átm. तुदे, &c. Pot. तुदेयं, &c. Átm. तुदेय, &c. Imp. तुदानि, &c. Átm. तुदै, &c. 1st Pret. अतुदं, &c. Átm. अतुदे, &c. 2d Pret. तुतोद, तुतोदिष्य, तुतोद; तुतुदिव, तुतुदयुस्, तुतुदतुस्; तुतुदिम, तुतुद, तुतुदुस्. Átm. तुतुदे, तुतुदिषे, तुतुदे; तुतुदिवहे, तुतुदाषे, तुतुदाते; तुतुदिमहे, तुतुदिध्वे (द्धे), तुतुदिरे. 1st Fut. तोक्तास्मि, &c. Átm. तोक्ताहे, &c. 2d Fut. तोक्ष्यामि, &c. Átm. तोक्ष्ये, &c. 3d Pret. अतौत्सं, अतौत्सीस्, अतौत्सीत्; अतौत्स्व, अतौत्त्रं, अतौत्त्रां; अतौत्स्म, अतौत्त्र, अतौत्सुस्. Átm. अतुत्सि, अतुत्स्यास्, अतुत्त्र; अतुत्स्वहि, अतुत्सायां, अतुत्सातां; अतुत्स्महि, अतुद्व्यं, अतुत्सत. Bened. तुद्यासं &c., तुत्सीय &c. (452). Cond. अतोत्स्यं &c., अतोत्स्ये &c. *Passive*, Pres. तुद्ये; 3d Pret. 3d sing. अतोदि. *Causal*, Pres. तोदयामि; 3d Pret. अतूतुदं. *Des.* तुतुत्सामि, -त्से. *Freq.* तोतुद्ये, तोतोत्सि (3d sing. तोतोत्त्रि). *Participles*, Pres. तुदत्; Past pass. तुन्न; Past indecl. तुत्त्वा, -तुद्य; Fut. pass. तोत्त्रव्य, तोदनीय, तोद्य.

635. Root क्षिष्. Inf. क्षेप्तुं 'to throw.' Parasmai and Átmane. Pres. क्षिषामि, &c. Átm. क्षिषे, &c. Pot. क्षिषेयं, &c. Átm. क्षिषेय, &c. Imp. क्षिषाणि, &c. Átm. क्षिषै, &c. 1st Pret. अक्षिषं, &c. Átm. अक्षिषे, &c. 2d Pret. चिक्षेप, चिक्षेपिष्य, चिक्षेप; चिक्षिषिव, चिक्षिषयुस्,

चिक्षिपतुम्; चिक्षिपिम, चिक्षिप, चिक्षिपुस्. *Átm.* चिक्षिपे, चिक्षिपिपे, चिक्षिपे; चिक्षिपिवहे, चिक्षिपापे, चिक्षिपाते; चिक्षिपिमहे, चिक्षिपिध्वे or -द्वे, चिक्षिपिरे. 1st Fut. क्षेप्नास्मि, &c. *Átm.* क्षेप्नाहे. 2d Fut. क्षेप्स्यामि. *Átm.* क्षेप्स्ये. 3d Pret. अक्षैप्सं, अक्षैप्सीस्, अक्षैप्सीत्; अक्षैप्स्व, अक्षैप्त्रं, अक्षैप्त्रां; अक्षैप्स्व, अक्षैप्त्र, अक्षैप्सुस्. *Átm.* अक्षिप्सि, अक्षिप्स्यास्, अक्षिप्त्र; अक्षिप्स्वहि, अक्षिप्सायां, अक्षिप्सातां; अक्षिप्स्महि, अक्षिप्त्रं, अक्षिप्सत. *Bened.* क्षिप्सासं, &c. *Átm.* क्षिप्सीय, &c. *Cond.* अक्षेप्स्यं, &c. *Átm.* अक्षेप्स्ये, &c. *Passive,* क्षिप्से; 3d Pret. 3d sing. अक्षेपि. *Causal,* Pres. क्षेपयामि; 3d Pret. अचिक्षिपं. *Des.* चिक्षिप्सामि, -प्से. *Freq.* चेक्षिप्से, चेक्षेप्सि (710, 294. a). *Participles,* Pres. क्षिपत्; Past pass. क्षिप्त्र; Past indecl. क्षिप्त्रा, -क्षिप्त्र; Fut. pass. क्षेप्त्रव्य, क्षेपणीय, क्षेप्य.

636. Root स्पृश्. Inf. स्पृष्टुं or स्पृष्टुं 'to touch.' *Parasmai.* Pres. स्पृशामि, &c. *Pot.* स्पृशेयं, &c. *Imp.* स्पृशानि, &c. 1st Pret. अस्पृशं, &c. 2d Pret. पस्पृशी, पस्पृशीथ, पस्पृशी; पस्पृशिव, पस्पृशथुस्, पस्पृशतुस्; पस्पृशिम, पस्पृश, पस्पृशुम्. 1st Fut. स्पृशेत्सि or स्पृशत्सि. 2d Fut. स्पृश्यामि or स्पृश्यामि. 3d Pret. अस्पृशां, अस्पृशांस्, अस्पृशांत्; अस्पृशां, अस्पृशं, अस्पृशां; अस्पृशां, अस्पृशां, अस्पृशां. Or अस्पृशां, अस्पृशां, &c. Or अस्पृशां, अस्पृशां, अस्पृशां; अस्पृशाव, अस्पृशातं, अस्पृशातां; अस्पृशाम, अस्पृशात, अस्पृशात्. *Bened.* स्पृश्यासं. *Cond.* अस्पृश्यां or अस्पृश्यां. *Passive,* Pres. स्पृश्ये; 3d Pret. 3d sing. अस्पृशि. *Causal,* Pres. स्पृशयामि; 3d Pret. अस्पृशं or अपिस्पृशं. *Des.* पिस्पृशामि. *Freq.* परीस्पृश्ये, परीस्पृशि or परीस्पृशिम. *Participles,* Pres. स्पृशत्; Past pass. स्पृष्ट; Past indecl. स्पृष्टा, -स्पृष्ट; Fut. pass. स्पृष्टव्य or स्पृष्टव्य, स्पृशनीय, स्पृश्य.

637. Root इष् (282). Inf. इषितुं or इष्टुं 'to wish.' *Parasmai.* Pres. इच्छामि, &c. *Pot.* इच्छेयं. *Imp.* इच्छानि. 1st Pret. ऐच्छं. 2d Pret. (370) इयेष, इयेषिथ, इयेष; ईषिव, ईषथुस्, ईषतुस्; ईषिम, ईष, ईषुस्. 1st Fut. इषितास्मि or इषितास्मि, &c. 2d Fut. इषिष्यामि, &c. 3d Pret. ऐषिपं, ऐषीत्, ऐषीत्; ऐषिष्व, ऐषिषं, ऐषिषां; ऐषिष्व, ऐषिष, ऐषिषुस्. *Bened.* इष्यासं, &c. *Cond.* ऐषिष्यं, &c. *Passive,* Pres. इष्ये; 3d Pret. 3d sing. ऐषि. *Causal,* Pres. इषयामि; 3d Pret. ऐषिपं. *Des.* इषिष्यामि. *Participles,* Pres. इच्छत्; Past pass. इष्ट; Past indecl. इष्टा or इषित्वा, -इष्य; Fut. pass. इष्टव्य or इषितव्य, इषणीय, इष्य.

EXAMPLES OF PRIMITIVE VERBS OF THE TENTH CONJUGATION, EXPLAINED AT 283.

638. Root चुर *chur*. Infin. चोरयितुं *chorayitum*, 'to steal.'

PARASMAI-PADA. *Present tense*, 'I steal.'

चोरयामि <i>chorayámi</i>	चोरयावस् <i>chorayávas</i>	चोरयामस् <i>chorayámas</i>
चोरयसि <i>chorayasi</i>	चोरयथस् <i>chorayathas</i>	चोरयथ <i>chorayatha</i>
चोरयति <i>chorayati</i>	चोरयतस् <i>chorayatas</i>	चोरयन्ति <i>chorayanti</i>

Potential, 'I may steal,' &c.

चोरयेयम् <i>chorayeyam</i>	चोरयेव <i>chorayeva</i>	चोरयेम <i>chorayema</i>
चोरयेस् <i>chorayes</i>	चोरयेतं <i>chorayetam</i>	चोरयेत <i>chorayeta</i>
चोरयेत् <i>chorayet</i>	चोरयेतां <i>chorayetám</i>	चोरयेयुस् <i>chorayeyus</i>

Imperative, 'Let me steal,' &c.

चोरयाणि <i>chorayáni</i>	चोरयाव <i>chorayáva</i>	चोरयाम <i>chorayáma</i>
चोरय <i>choraya</i>	चोरयतं <i>chorayatam</i>	चोरयत <i>chorayata</i>
चोरयतु <i>chorayatu</i>	चोरयतां <i>chorayatám</i>	चोरयन्तु <i>chorayantu</i>

First preterite, 'I was stealing,' &c.

अचोरयम् <i>achorayam</i>	अचोरयाव <i>achorayáva</i>	अचोरयाम <i>achorayáma</i>
अचोरयस् <i>achorayas</i>	अचोरयतं <i>achorayatam</i>	अचोरयत <i>achorayata</i>
अचोरयत् <i>achorayat</i>	अचोरयतां <i>achorayatám</i>	अचोरयन् <i>achorayan</i>

Second preterite, 'I stole.'

चोरयामास <i>chorayámása</i>	चोरयामासिव <i>chorayámásiva</i>	चोरयामासिम <i>chorayámásima</i>
चोरयामासिथ <i>chorayámásitha</i>	चोरयामासथुस् <i>chorayámásathus</i>	चोरयामास <i>chorayámása</i>
चोरयामास <i>chorayámása</i>	चोरयामासतुस् <i>chorayámásatus</i>	चोरयामासुस् <i>chorayámásus</i>

First future, 'I will steal,' &c.

चोरयितास्मि <i>chorayitásmi</i>	चोरयितास्वस् <i>chorayitáswas</i>	चोरयितास्मस् <i>chorayitásmas</i>
चोरयितासि <i>chorayitási</i>	चोरयितास्थस् <i>chorayitásthas</i>	चोरयितास्थ <i>chorayitástha</i>
चोरयिता <i>chorayitá</i>	चोरयितारौ <i>chorayitárau</i>	चोरयितारस् <i>chorayitáras</i>

Second future, 'I shall steal,' &c.

चोरयिष्यामि <i>chorayishyámi</i>	चोरयिष्यावस् <i>chorayishyávas</i>	चोरयिष्यामस् <i>chorayishyámas</i>
चोरयिष्यसि <i>chorayishyasi</i>	चोरयिष्यथस् <i>chorayishyathas</i>	चोरयिष्यथ <i>chorayishyatha</i>
चोरयिष्यति <i>chorayishyati</i>	चोरयिष्यतस् <i>chorayishyatas</i>	चोरयिष्यन्ति <i>chorayishyanti</i>

Third preterite, 'I stole,' &c.

अचूचुरम् <i>achúchuram</i>	अचूचुराव <i>achúchuráva</i>	अचूचुराम <i>achúchuráma</i>
अचूचुरस् <i>achúchuras</i>	अचूचुरतं <i>achúchuratam</i>	अचूचुरत <i>achúchurata</i>
अचूचुरत् <i>achúchurat</i>	अचूचुरतां <i>achúchuratám</i>	अचूचुरन् <i>achúchuran</i>

Benedictive, 'May I steal,' &c.

चोर्यासं <i>choryásam</i>	चोर्यास्व <i>choryáswa</i>	चोर्यास्म <i>choryásma</i>
चोर्याम् <i>choryás</i>	चोर्यास्तं <i>choryástam</i>	चोर्यास्त <i>choryástá</i>
चोर्यात् <i>choryát</i>	चोर्यास्तां <i>choryástám</i>	चोर्यासुम् <i>choryásus</i>

Conditional, 'I should steal.'

अचोरयिष्यं <i>achorayishyam</i>	अचोरयिष्याव <i>achorayishyáva</i>	अचोरयिष्याम <i>achorayishyáma</i>
अचोरयिष्यम् <i>achorayishyas</i>	अचोरयिष्यतं <i>achorayishyatam</i>	अचोरयिष्यत <i>achorayishyata</i>
अचोरयिष्यत् <i>achorayishyat</i>	अचोरयिष्यतां <i>achorayishyatám</i>	अचोरयिष्यन् <i>achorayishyan</i>

639.

ÁTMANE-PADA. Present tense, 'I steal.'

चोरये <i>choraye</i>	चोरयावहे <i>chorayávahe</i>	चोरयामहे <i>chorayámahe</i>
चोरयसे <i>chorayase</i>	चोरयेथे <i>chorayethe</i>	चोरयध्वे <i>chorayadhwe</i>
चोरयते <i>chorayate</i>	चोरयेते <i>chorayete</i>	चोरयन्ते <i>chorayante</i>

Potential, 'I may steal,' &c.

चोरयेय <i>chorayeya</i>	चोरयेवहि <i>chorayevahi</i>	चोरयेमहि <i>chorayemahi</i>
चोरयेयाम् <i>chorayethás</i>	चोरयेयाथां <i>chorayeyáthám</i>	चोरयेध्वं <i>chorayedhwa</i>
चोरयेत <i>chorayeta</i>	चोरयेयातां <i>chorayeyátám</i>	चोरयेरन् <i>chorayeran</i>

Imperative, 'Let me steal,' &c.

चोरयै <i>chorayai</i>	चोरयावहै <i>chorayávahai</i>	चोरयामहै <i>chorayámahai</i>
चोरयस्व <i>chorayaswa</i>	चोरयेथां <i>chorayethám</i>	चोरयध्वं <i>chorayadhwa</i>
चोरयतां <i>chorayatám</i>	चोरयेतां <i>chorayetám</i>	चोरयन्तां <i>chorayantám</i>

First preterite, 'I was stealing,' &c.

अचोरये <i>achoraye</i>	अचोरयावहि <i>achorayávahi</i>	अचोरयामहि <i>achorayámahi</i>
अचोरययाम् <i>achorayathás</i>	अचोरयेथां <i>achorayethám</i>	अचोरयध्वं <i>achorayadhwa</i>
अचोरयत <i>achorayata</i>	अचोरयेतां <i>achorayetám</i>	अचोरयन्त <i>achorayanta</i>

Second preterite, 'I stole.'

चोरयाञ्चक्रे <i>chorayáñchakre</i>	-चकृवहे <i>chorayáñchakṛivahē</i>	-चकृमहे <i>chorayáñchakṛimahē</i>
चोरयाञ्चकृषे <i>chorayáñchakṛishe</i>	-चक्राये <i>chorayáñchakṛáthe</i>	-चकृद्दे <i>chorayáñchakṛidhwe</i>
चोरयाञ्चक्रे <i>chorayáñchakre</i>	-चक्राते <i>chorayáñchakṛáte</i>	-चक्रिरे <i>chorayáñchakṛire</i>

First future, 'I shall steal.'

चोरयिताहे <i>chorayitáhe</i>	चोरयितास्वहे <i>chorayitáswahe</i>	चोरयितास्महे <i>chorayitásmahe</i>
चोरयितासे <i>chorayitáse</i>	चोरयितासाथे <i>chorayitásáthe</i>	चोरयिताध्वे <i>chorayitádhwē</i>
चोरयिता <i>chorayitá</i>	चोरयितारौ <i>chorayitárau</i>	चोरयितारस् <i>chorayitáras</i>

Second future, 'I will steal.'

चोरयिष्ये <i>chorayishye</i>	चोरयिष्यावहे <i>chorayishyávahe</i>	चोरयिष्यामहे <i>chorayishyámahe</i>
चोरयिष्यसे <i>chorayishyase</i>	चोरयिष्येथे <i>chorayishyethe</i>	चोरयिष्यध्वे <i>chorayishyadhwe</i>
चोरयिष्यते <i>chorayishyate</i>	चोरयिष्येते <i>chorayishyete</i>	चोरयिष्यन्ते <i>chorayishyante</i>

Third preterite, 'I stole,' &c.

अचूचुरे <i>achúchure</i>	अचूचुरावहि <i>achúchurávahi</i>	अचूचुरामहि <i>achúchurámahi</i>
अचूचुरथाम् <i>achúchurathás</i>	अचूचुरेथां <i>achúchurethám</i>	अचूचुरध्वं <i>achúchuradhvam</i>
अचूचुरत <i>achúchurata</i>	अचूचुरेतां <i>achúchuretám</i>	अचूचुरन्त <i>achúchuranta</i>

Benedictive, 'May I steal.'

चोरयिषीय <i>chorayishíya</i>	-यिषीवहि <i>chorayishívahi</i>	-यिषीमहि <i>chorayishímahi</i>
चोरयिषीष्टाम् <i>chorayishíshthás</i>	-यिषीयास्यां <i>chorayishíyásthám</i>	-यिषीध्वं <i>chorayishídhvam</i>
चोरयिषीष्ट <i>chorayishíshṭa</i>	-यिषीयास्तां <i>chorayishíyástám</i>	-यिषीरन् <i>chorayishíran</i>

Conditional, 'I should steal.'

अचोरयिष्ये <i>achorayishye</i>	-यिष्यावहि <i>achorayishyávahi</i>	-यिष्यामहि <i>achorayishyámahi</i>
अचोरयिष्यथाम् <i>achorayishyathás</i>	-यिष्येथां <i>achorayishyethám</i>	-यिष्यध्वं <i>achorayishyadhvam</i>
अचोरयिष्यत <i>achorayishyata</i>	-यिष्येतां <i>achorayishyetaám</i>	-यिष्यन्त <i>achorayishyanta</i>

Passive, Pres. चोर्ये; 3d Pret. 3d sing. अचोरि. *Causal, same as the Primitive verb. Des. चुचोरयिषामि. Participles, Pres. चोरयत्;* Past pass. चुरित or चोरित; Past indecl. चोरयित्वा; Fut. pass. चोरयितव्य, चोरणीय, चोर्य.

EXAMPLES OF OTHER VERBS OF THE TENTH CONJUGATION
IN THE ORDER OF THEIR FINAL LETTERS.

640. Root पृ (285). Inf. पूरयितुं 'to fill *.' Parasmai. Pres. पूरयामि, &c. Pot. पूरयेयं, &c. Imp. पूरयाणि, &c. 1st Pret. अपूरयं, &c. 2d Pret. पूरयामास, &c. 1st Fut. पूरयितास्मि, &c. 2d Fut. पूरयिष्यामि, &c. 3d Pret. अपूपुरं, &c. Bened. पूर्यासं, &c. Cond. अपूरयिष्यं. *Passive, Pres. पूर्ये;* 3d Pret. 3d sing. अपूरि or अपूरिष्ट. *Causal, like the Primitive. Des. पुपूरयिषामि. Participles, Pres. पूरयत्;* Past pass. पूर्यं or पूरित or पूर्यं; Past indecl. पूरयित्वा or पूर्या, -पूर्य; Fut. pass. पूरयितव्य, पूरणीय, पूर्य.

641. Root चिन्त. Inf. चिन्तयितुं 'to think.' Parasmai. Pres. चिन्तयामि, &c. Pot. चिन्तयेयं, &c. Imp. चिन्तयानि, &c. 1st Pret. अचिन्तयं, &c. 2d Pret. चिन्तयामास, &c. 1st Fut. चिन्तयितास्मि, &c. 2d Fut. चिन्तयिष्यामि, &c. 3d Pret. अचिचिन्तं, &c. Bened. चिन्त्यासं. Cond. अचिन्तयिष्यं. *Passive, Pres. चिन्ते. Causal, like the Primitive. Des. चिचिन्तयिषामि, &c. Participles, Pres. चिन्तयत्;* Átm. चिन्तयान (527);

* This root makes its base पारय *páraya* as well as पूरय *páraya*, but its meaning is then rather 'to fulfil,' 'to accomplish,' 'to get through.'

Past pass. चिन्तित; Past indecl. चिन्तयित्वा, -चिन्त्य; Fut. pass. चिन्तयितव्य, चिन्तनीय, चिन्त्य.

642. Root अर्ध्. Inf. अर्धयितुं (with prep. प्र, प्रार्थ्, प्रार्थयितुं) 'to ask,' 'to seek.' Ātmane. Pres. अर्धये, &c. Pot. अर्धयेय, &c. Imp. अर्धयानि, &c. 1st Pret. आर्धये, &c. 2d Pret. अर्धयान्त्क्रे, &c. 1st Fut. अर्धयिताहे, &c. 2d Fut. अर्धयिष्ये, &c. 3d Pret. आर्त्तिथे, आर्त्तिथयाम्, &c. Bened. अर्धयिषीय. Cond. आर्धयिष्ये. *Passive*, Pres. अर्ध्यं. *Causal*, like the Primitive. *Des.* अर्त्तिथयिषामि, -षे. *Participles*, Pres. अर्धयान (527); Past pass. अर्धित; Past indecl. अर्धयित्वा, -अर्ध्य; Fut. pass. अर्धयितव्य, अर्धनीय, अर्ध्य.

643. Root कथ्. Inf. कथयितुं 'to say,' 'to tell.' Parasmai. Pres. कथयामि, &c. Pot. कथयेयं, &c. Imp. कथयानि, &c. 1st Pret. अकथयं, &c. 2d Pret. कथयामास, &c. 1st Fut. कथयितास्मि, &c. 2d Fut. कथयिष्यामि, &c. 3d Pret. अकथयं &c. or अचीकथं &c. Bened. कथ्यासं, &c. Cond. अकथयिष्यं, &c. *Passive*, कथ्ये, &c. *Causal*, like the Primitive. *Des.* चिकथयिषामि, &c. *Participles*, Pres. कथयत्; Past pass. कथित; Past indecl. कथयित्वा, -कथय्य (566. a); Fut. pass. कथयितव्य, कथनीय, कथ्य.

a. Root घुप्. Inf. घोपयितुं 'to proclaim.' Parasmai. Pres. घोपयामि, &c. Pot. घोपयेयं, &c. Imp. घोपयाणि, &c. (58). 1st Pret. अघोपयं, &c. 2d Pret. घोपयान्त्कार, &c. 1st Fut. घोपयितास्मि, &c. 2d Fut. घोपयिष्यामि, &c. 3d Pret. अजूघुपं, &c. Bened. घोप्यासं, &c. Cond. अघोपयिष्यं, &c. *Passive*, Pres. घोप्ये; 3d Pret. 3d sing. अघोपि. *Causal*, like the Primitive. *Des.* जुघोपयिषामि. *Participles*, Pres. घोपयत्; Past pass. घोपित; Past indecl. घोपयित्वा, -घोप्य; Fut. pass. घोपयितव्य, घोपणीय, घोप्य.

b. Root भक्ष्. Inf. भक्षयितुं 'to eat,' 'to devour.' Parasmai. Pres. भक्षयामि, &c. Pot. भक्षयेयं, &c. Imp. भक्षयाणि, &c. 1st Pret. अभक्षयं, &c. 2d Pret. भक्षयामास, &c. 1st Fut. भक्षयितास्मि, &c. 2d Fut. भक्षयिष्यामि, &c. 3d Pret. अब्रभक्षं, &c. Bened. भक्ष्यासं. Cond. अब्रभक्षयिष्यं. *Passive*, भक्ष्ये, &c. *Des.* विभक्षयिषामि. *Participles*, Pres. भक्षयत्; Past pass. भक्षित; Past indecl. भक्षयित्वा, -भक्ष्य; Fut. pass. भक्षयितव्य, भक्षणीय, भक्ष्य.

EXAMPLES OF PRIMITIVE VERBS OF THE SECOND CONJUGATION, EXPLAINED AT 307.

644. Root या *yá*. Infin. यातुं *yátum*, 'to go.'

PARASMAI-PADA only.

Present, 'I go.'

यामि <i>yámi</i>	यावस् <i>yávas</i>	यामस् <i>yámas</i>
यासि <i>yási</i>	याथस् <i>yáthas</i>	याथ <i>yátha</i>
याति <i>yáti</i>	यातस् <i>yátas</i>	यान्ति <i>yánti</i>

Potential, 'I may go.'

यायां <i>yáyám</i>	यायाव <i>yáyáva</i>	यायाम <i>yáyáma</i>
यायास् <i>yáyás</i>	यायातं <i>yáyátam</i>	यायात् <i>yáyáta</i>
यायात् <i>yáyát</i>	यायातां <i>yáyátám</i>	यायुस् <i>yáyus</i>

Imperative, 'Let me go.'

यानि <i>yáni</i>	याव <i>yáva</i>	याम <i>yáma</i>
याहि <i>yáhi</i>	यातं <i>yátam</i>	यात् <i>yáta</i>
यातु <i>yátu</i>	यातां <i>yátám</i>	यान्तु <i>yántu</i>

First preterite, 'I was going.'

अयां <i>ayám</i>	अयाव <i>ayáva</i>	अयाम <i>ayáma</i>
अयास् <i>ayás</i>	अयातं <i>ayátam</i>	अयात् <i>ayáta</i>
अयात् <i>ayát</i>	अयातां <i>ayátám</i>	अयान् <i>ayán*</i>

2d Pret. ययौ (373), ययिथ, ययौ; ययिव, ययथुस्, ययतुस्; ययिम, यय, ययुस्. 1st Fut. यातास्मि, यातासि, याता, &c. 2d Fut. यास्यामि, यास्यमि, यास्यति; यास्यावस्, &c. 3d Pret. अयासिषं (433), अयासीस्, अयासीत्; अयासिष्व, अयासिष्टं, अयासिष्टां; अयासिष्म, अयासिष्ट, अयासिषुस्. Bened. यायासं, यायास्, यायात्; यायास्व, &c. Cond. अयास्यं, अयास्यस्, अयास्यत्, &c. Passive, Pres. याये, &c.; 3d Pret. 3d sing.

645. Root इ *i* (310). Infin. एतुं *etum*, 'to go.'

For इ with *adhi*, *á*, &c., see 311.

Present, 'I go.'

एमि <i>emi</i> †	इवस् <i>ivas</i>	इमस् <i>imas</i>
एषि <i>eshi</i>	इथस् <i>ithas</i>	इथ <i>itha</i>
एति <i>eti</i>	इतस् <i>itas</i>	यन्ति <i>yanti</i> (34)

Potential, 'I may go.'

इयां <i>iyám</i>	इयाव <i>iyáva</i>	इयाम <i>iyáma</i>
इयास् <i>iyás</i>	इयातं <i>iyátam</i>	इयात् <i>iyáta</i>
इयात् <i>iyát</i>	इयातां <i>iyátám</i>	इयुस् <i>iyus</i>

Imperative, 'Let me go.'

अयानि <i>ayáni</i>	अयाव <i>ayáva</i>	अयाम <i>ayáma</i>
इहि <i>ihi</i>	इतं <i>itam</i>	इत् <i>ita</i>
एतु <i>etu</i>	इतां <i>itám</i>	यन्तु <i>yantu</i>

First preterite, 'I was going.'

अयां <i>ayám</i> (37)	ऐव <i>aiva</i> (260.a)	ऐम <i>aima</i>
ऐस् <i>ais</i> (33)	ऐतं <i>aitam</i>	ऐत् <i>aita</i>
ऐत् <i>ait</i>	ऐतां <i>aitám</i>	अयन् <i>áyan</i> ‡

2d Pret. इयाय (372), इययिथ or इयेथ, इयाय; ईयिव, ईयथुस्, ईयतुस्; ईयिम, ईय, ईयुस्. 1st Fut. एतास्मि, &c. 2d Fut. एष्यामि, &c. 3d Pret. (438.e) अगां, अगास्, अगात्; अगाव, अगातं, अगातां; अगाम, अगात्, अगुस्. Bened. ईयासं, &c. (the initial ई may be shortened when a prep. is prefixed; as, निरियासं 'may I go forth?'). Cond. ऐष्यं, &c. (260.a). Passive, Pres. ईये; 1st Fut. एताहे or आयिताहे (474); 2d Fut. एथे

* Or अयुस् *ayus* by 290. b, note.

† This root is also of the 1st conjugation, making अयामि, अयसि, &c., in Pres. tense.

‡ Foster gives अयन्, which might here be expected; but in the 3d pl. *ay* is substituted for the root, making आयन्. See Pāṇini (VI. 4. 81), and compare Lagh. Kaum. 608.

अयायि. *Causal*, Pres. यापयामि, &c.; 3d Pret. अयीयपं, &c. *Des.* यियासामि. *Freq.* यायाये, यायामि or यायेमि (3d sing. यायाति or यायेति). *Participles*, Pres. यात् (Nom. case यान्); Past pass. यात; Past indecl. यात्वा, -याय; Fut. pass. यातव्य, यानीय, येय.

or अयायिष्ये; 3d Pret. 3d sing. अगायि or अगासत or आयायित. *Causal*, गमयामि (substituted from गम् at 602) or आयायामि or आपयामि; 3d Pret. अजीगमं or आरियं or आपिपं (with *adhi* prefixed, अध्यजीगपं 493.b). *Des.* जिगमिषामि (substituted from गम् at 602) or ईषिषामि, -षे. *Participles*, Pres. यत् (Nom. case यन्); Past pass. इत; Past indecl. इत्वा, -इत्य; Fut. pass. एतव्य, अयनीय, इत्य or एय.

EXAMPLES OF OTHER VERBS OF THE SECOND CONJUGATION
IN THE ORDER OF THEIR FINAL LETTERS.

646. Root शी (315). Inf. शयितुं 'to lie down,' 'to sleep.' *Ātmane*. Pres. शये, शेषे, शेते (*केित्वा*); शेवहे, शयाये, शयाते; शेमहे (*केिमेथा*), शेध्वे, शेरते. Pot. शयीय, शयीषास्, शयीत; शयीवहि, शयीयाचां, शयीयातां; शयीमहि, शयीध्वं, शयीरन्. Imp. शयै, शेष्व, शेतां; शयावहै, शयायां, शयातां; शयामहै, शेध्वं, शेरतां. 1st Pret. अशायि, अशेषास्, अशेत; अशेवहि, अशयायां, अशयातां; अशेमहि, अशेध्वं, अशेरत. 2d Pret. शिशये, शिशिये, शिशये; शिशियवहे, शिशयाये, शिशयाते; शिशियमहे, शिशियध्वे or -शियद्दे, शिशियरे. 1st Fut. शयिताहे, &c. 2d Fut. शयिष्ये, &c. 3d Pret. अशायिषि, अशायिषास्, अशायिष; अशायिष्वहि, अशायिषायां, अशायिषातां; अशायिष्वहि, अशायिष्वं or -यिद्दं, अशायिषत. Bened. शयिषीय, &c. Cond. अशायिष्ये. *Passive*, Pres. शय्ये, &c.; 3d Pret. 3d sing. अशायि. *Causal*, Pres. शाययामि; 3d Pret. अशीशयं. *Des.* शिशायिषे or शिशिषे. *Freq.* शाशय्ये, शेशेमि or शेशयीमि. *Participles*, Pres. शयान (526. a); Past pass. शयित; Past indecl. शयित्वा, -शय्य; Fut. pass. शयितव्य, शयनीय, शेय.

647. Root सू or सु (312). Inf. सोतुं or सवितुं 'to bring forth.' *Ātmane*. Pres. सुवे, सूषे, सूते; सूवहे, सुवाये, सुवाते; सूमहे, सूध्वे, सुवते. Pot. सुवीय, &c. Imp. सूवै (*Pāṇini VII. 3, 88*), सूष्व, सूतां; सुवावहै, सुवायां, सुवातां; सुवामहै, सूध्वं, सुवतां. 1st Pret. असुवि, असूषास्, असूत; असूवहि, असूवायां, असूवातां; असूमहि, असूध्वं, असूवत. 2d Pret. सुपुवे, सुपुविषे, सुपुवे; सुपुविष्वहे, सुपुवाये, सुपुवाते; सुपुविमहे, सुपुविद्दे, सुपुविरे. 1st Fut. सोताहे or सविताहे. 2d Fut. सोष्ये or सविष्ये. 3d Pret. असविषि, असविषास्, असविष; असविष्वहि, असविषायां, असविषातां; असविष्वहि, असविष्वं or -द्दं, असविषत. Or असोषि, असोषास्, असोष; असोष्वहि, असोषायां, असोषातां; असोष्वहि, असोषद्दं, असोषत. Bened. सोषीय or सविषीय, &c. Cond. असोष्ये or असविष्ये, &c. *Passive*, Pres. सूये; 3d Pret. 3d sing. असावि.

Causal, Pres. सावयामि; 3d Pret. असूषवं. *Des.* सुसूपामि, -पे. *Freq.* सोषूये, सोषोमि or सोषवीमि. *Participles*, Pres. सुवान; Past pass. सुत or सूत or सून; Past indecl. सूत्वा or सुत्वा, -सूय; Fut. pass. सोतव्य or सवितव्य, सवनीय, साव्य or सव्य.

648. Root स्तु (313). Inf. स्तोतुं 'to praise.' Parasmai and Ātmane. Pres. स्तौमि or स्तवीमि, स्तौषि or स्तवीषि, स्तौति or स्तवीति; स्तुवम् or स्तुवीवम्*, स्तुथम् or स्तुवीथम्*, स्तुतम् or स्तुवीतम्; स्तुमम् or स्तुवीमम्*, स्तुथ or स्तुवीथ*, स्तुवन्ति. Ātm. स्तुवे, स्तुपे or स्तुवीपे*, स्तुते or स्तुवीते; स्तुवहे or स्तुवीवहे, स्तुवाथे, स्तुवाते; स्तुमहे or स्तुवीमहे*, स्तुध्वे or स्तुवीध्वे*, स्तुवते. Pot. स्तुयां or स्तुवीयां*, &c. Ātm. स्तुवीय, &c. Imp. स्तुवानि or स्तवानि, स्तुहि or स्तुवीहि*, स्तौतु or स्तवीतु; स्तवाव, स्तुतं or स्तुवीतं, स्तुतां or स्तुवीतां; स्तवाम, स्तुत or स्तुवीत, स्तुवन्तु. Ātm. स्तवै, स्तुष्व or स्तुवीष्व*, स्तुतां or स्तुवीतां; स्तवावहे, स्तुवाथां, स्तुवातां; स्तवामहे, स्तुध्वं or स्तुवीध्वं*, स्तुवतां. 1st Pret. अस्तुवं or अस्तवं, अस्तौस् or अस्तवीस्, अस्तौत् or अस्तवीत्; अस्तुव or अस्तुवीव*, अस्तुतं or अस्तुवीतं, अस्तुतां or अस्तुवीतां; अस्तुम or अस्तुवीम*, अस्तुत or अस्तुवीत, अस्तुवन्. Ātm. अस्तुवि, अस्तुथास् or अस्तुवीथास्, अस्तुत or अस्तुवीत; अस्तुवहि or अस्तुवीहि*, अस्तुवाथां, अस्तुवातां; अस्तुमहि or अस्तुवीमहि*, अस्तुध्वं or अस्तुवीध्वं*, अस्तुवत. 2d Pret. (368) तुष्टाव, तुष्टोथ, तुष्टाव; तुष्टुव, तुष्टुवथुस्, तुष्टुवतुस्; तुष्टुम, तुष्टुव, तुष्टुवुस्. Ātm. तुष्टुवे, तुष्टुपे, तुष्टुवे; तुष्टुवहे, तुष्टुवाथे, तुष्टुवाते; तुष्टुमहे, तुष्टुद्धे, तुष्टुविरि. 1st Fut. स्तोतास्मि, &c. Ātm. स्तोताहे, &c. 2d Fut. स्तोष्यामि, &c. Ātm. स्तोष्ये, &c. 3d Pret. (428. a) अस्ताविषं, अस्तावीस्, अस्तावीत्; अस्ताविष्व, अस्ताविष्टं, अस्ताविष्टां; अस्ताविष्म, अस्ताविष्ट, अस्ताविषुस्. Ātm. अस्तोषि, अस्तोष्टास्, अस्तोष्ट; अस्तोष्वहि, अस्तोषाथां, अस्तोषातां; अस्तोष्महि, अस्तोद्धं, अस्तोषत. Bened. स्तूयामं, &c. Ātm. स्तोषीय, &c. Cond. अस्तोष्यं, &c. Ātm. अस्तोष्ये, &c. *Passive*, Pres. स्तूये; 3d Pret. 3d sing. अस्तावि. *Causal*, Pres. स्तावयामि; 3d Pret. अतुष्टवं. *Des.* तुष्टूपामि, -पे. *Freq.* तोष्टूये, तोष्टोमि. *Participles*, Pres. स्तुवत्; Past pass. स्तुत; Past indecl. स्तुत्वा, -स्तुय; Fut. pass. स्तोतव्य, स्तवनीय, स्तुय or स्ताव्य or स्तव्य.

649. Root ब्रू (314). Inf. वक्तुं (borrowed from वच् at 650) 'to say,' 'to speak.' Parasmai and Ātmane. Pres. ब्रवीमि, ब्रवीषि †, ब्रवीति †; ब्रूवस्, ब्रूथस् †, ब्रूतस् †; ब्रूमस्, ब्रूथ, ब्रुवन्ति †. Ātm. ब्रुवे, ब्रूपे, ब्रूते; ब्रूवहे, ब्रुवाथे, ब्रुवाते; ब्रूमहे, ब्रूध्वे, ब्रुवते. Pot. ब्रूयां, ब्रूयास्, &c. Ātm. ब्रुवीय,

* Some authorities reject these forms.

† For these forms are sometimes substituted 2d sing. आन्थ, 3d sing. आह; 2d du. आहथुस्, 3d du. आहतुस्; 3d pl. आहुस्; all from the 2d preterite of a defective root अह्, with a present signification.

द्रुवीषाम्, &c. Imp. ब्रवाणि (58), ब्रूहि, ब्रवीतु; ब्रवाव, ब्रूतं, ब्रूतां; ब्रवाम्, ब्रूत, द्रुवन्तु. *Ātm.* ब्रवै, ब्रूष्व, ब्रूतां; ब्रवावहै, द्रुवाषां, द्रुवातां; ब्रवामहै, ब्रूध्वं, द्रुवतां. 1st Pret. अब्रुवं (314. a), अब्रवीम्, अब्रवीत्; अब्रूव, अब्रूतं, अब्रूतां; अब्रूम, अब्रूत, अब्रुवन्. *Ātm.* अब्रुवि, अब्रूषाम्, अब्रूत; अब्रूवहि, अब्रुवाषां, अब्रुवातां; अब्रूमहि, अब्रूध्वं, अब्रुवत. The other tenses and forms are borrowed from वच्; as, 2d Pret. उवाच, &c.; 1st Fut. वक्तास्मि, &c.; see वच् at 650. But the Pres. participles are द्रुवत् and द्रुवाण.

650. Root वच् (319). Inf. वक्तुं 'to say,' 'to speak.' *Parasmai.* In the conjugational tenses *Ātmane* also. Pres. वच्मि, वक्षि, वक्ति; वचस्, वक्तथस्, वक्तस्; वचम्, वक्तथ, द्रुवन्ति (borrowed from ब्रू at 649). Pot. वच्यां, वच्यास्, &c. Imp. वचानि, वग्धि, वक्तु; वचाव, वक्तं, वक्तां; वचाम्, वक्त, द्रुवन्तु (borrowed from ब्रू). 1st Pret. अवचं, अवक् or अवग् (43. a), अवक् or अवग् (43. a); अवच्च, अवक्तं, अवक्तां; अवचम्, अवक्त, अवचन्*. 2d Pret. (375. c) उवाच, उवचिथ or उवक्तथ, उवाच; ऊचिव, ऊचथुस्, ऊचतुस्; ऊचिम, ऊच, ऊचुस्. *Ātm.* ऊचे, ऊचिपे, ऊचे; ऊचिवहे, ऊचापे, ऊचाते; ऊचिमहे, ऊचिध्वे or -द्दे, ऊचिरे. 1st Fut. वक्तास्मि, &c. *Ātm.* वक्ताहे, &c. 2d Fut. वक्ष्यामि, &c. *Ātm.* वक्ष्ये, &c. 3d Pret. (441) अवोचं, अवोचस्, अवोचत्; अवोचाव, अवोचतं, अवोचतां; अवोचाम्, अवोचत, अवोचन्. *Ātm.* अवोचे, अवोचथाम्, अवोचत; अवोचावहि, अवोचेषां, अवोचेतां; अवोचामहि, अवोचध्वं, अवोचन्. Bened. उच्यासं, &c. *Ātm.* वक्षीय, &c. Cond. अवक्ष्यं. *Ātm.* अवक्ष्ये, &c. *Passive*, Pres. उच्ये (471); 3d Pret. 3d sing. अवोचि. *Causal*, Pres. वाचयामि; 3d Pret. अवोचं. *Des.* विवक्षामि, -क्षे. *Freq.* वावच्ये, वावच्यि. *Participles*, Pres. द्रुवत्; *Ātm.* द्रुवाण (borrowed from ब्रू at 649); Past pass. उक्त; Past indecl. उक्ता, -उच्य; Fut. pass. वक्तव्य, वचनीय, वाच्य or वाक्व.

651. Root मृज् (324). Inf. मार्ष्टुं or मार्जितुं 'to wipe,' 'to rub,' 'to clean.' *Parasmai.* Pres. मार्ज्मि, मार्क्षि (296), मार्ष्टि (297); मृज्मस्, मृष्टम् (297), मृष्टस्; मृज्मस्, मृष्ट, मार्जन्ति or मृजन्ति. Pot. मृज्यां, मृज्यास्, &c. Imp. मार्जानि, मृष्टि (303), मार्ष्टु; मार्जाव, मृष्टं, मृष्टां; मार्जाम्, मृष्ट, मार्जन्तु or मृजन्तु. 1st Pret. अमार्जं, अमार्ष्टि or अमार्ष्टि (292), अमार्ष्टि or अमार्ष्टि; अमृज्म, अमृष्टं, अमृष्टां; अमृज्म, अमृष्ट, अमार्जन् or अमृजन्. 2d Pret. ममार्जं, ममार्जिथ or ममार्ष्टि (297), ममार्जं; ममृजिथ or ममार्जिथ, ममृज्थुस् or ममार्ज्थुस्, ममृजतुस् or ममार्जतुस्; ममृजिम or ममार्जिम, ममृज् or ममार्जं, ममृजुस् or ममार्जुस्. 1st Fut. मार्ष्टास्मि or मार्जितास्मि, &c. 2d Fut. मार्क्ष्यामि or मार्जिष्यामि, &c. 3d Pret. अमार्क्षं, अमार्क्षीस्, अमार्क्षीत्; अमार्क्षं, अमार्ष्टं, अमार्ष्टां; अमार्क्षं, अमार्ष्टं, अमार्क्षुस्. Or अमार्जिषं, अमार्जीस्, अमार्जीत्; अमार्जिध्व, &c. Bened. मृज्यासं, &c.

* According to some, the 3d pl. of the 1st preterite is also wanting.

Cond. अमार्ह्यं or अमार्जिष्यं. *Passive*, Pres. मृज्ये, &c.; 3d Pret. 3d sing. अमार्जि. *Causal*, Pres. मार्जयामि; 3d Pret. अममार्जं or अमोमृजं. *Des.* मिमार्हामि or मिमृह्यामि or मिमार्जिषामि. *Freq.* मरीमृज्ये or मरिमृज्ये, मरीमार्जिने (3d sing. मरीमार्ष्टि). *Participles*, Pres. मार्जन्तु; Past pass. मृष्ट; Past indecl. मृष्टा or मार्जित्वा, -मृज्य; Fut. pass. मार्ष्टव्य or मार्जितव्य, मार्जनीय, मार्ग्य or मृज्य.

652. Root अद् (317). Inf. अक्षुं 'to eat.' Parasmai. Pres. अक्षि, अक्षि; अद्भस्, अक्ष्यस्, अक्षस्; अक्षम्, अक्ष्य, अक्षन्ति. Pot. अक्षां, &c. Imp. अक्षानि, अक्षि, अक्षु; अक्षाव, अक्षं, अक्षां; अक्षाम, अक्ष, अक्षन्तु. 1st Pret. अक्षं, अक्षम् (317. a), अक्षात्; अक्ष्ण, अक्षं, अक्षां; अक्ष, अक्ष, अक्षन्. 2d Pret. अक्ष, अक्षिष्य, अक्ष; अक्षिष्य, अक्ष्युस्, अक्ष्युस्; अक्षिम, अक्ष, अक्षुस्. 1st Fut. अक्षामि, &c. 2d Fut. अक्ष्यामि, &c. 3d Pret. अक्षसं (borrowed from root घस्), अक्षसम्, अक्षसत्; अक्षसाव, अक्षसतं, अक्षसतां; अक्षसाम, अक्षसत, अक्षसन्. Bened. अक्षसं, &c. Cond. अक्ष्यं, &c. *Passive*, Pres. अक्षे; 3d Pret. 3d sing. अक्षि. *Causal*, Pres. अक्षयामि; 3d Pret. अक्षिदं. *Des.* जियत्सामि (borrowed from घस्). *Participles*, Pres. अक्षन्तु; Past pass. जग्ध; Past indecl. जग्ध्वा; Fut. pass. अक्ष्य, अक्षनीय, अक्ष.

653. Root रुद् (326). Inf. रोदितुं 'to weep.' Parasmai. Pres. रोदिमि, रोदिषि, रोदिति; रुदिवस्, रुदिष्यस्, रुदितस्; रुदिमस्, रुदिष्य, रुदन्ति. Pot. रुद्यां, &c. Imp. रोदानि, रुदिहि, रोदितु; रोदाव, रुदितं, रुदितां; रोदाम, रुदित, रुदन्तु. 1st Pret. अरोदं, अरोदस् or अरोदीम्, अरोदत् or अरोदीत् (Pāṇini VII. 3. 98, 99); अरुदिव, अरुदितं, अरुदितां; अरुदिम, अरुदित, अरुदन्. 2d Pret. अरोद, अरोदिष्य, अरोद; अरुदिव, अरुद्युस्, अरुदुस्; अरुदिम, अरुद, अरुदुस्. 1st Fut. रोदितामि, &c. 2d Fut. रोदिष्यामि, &c. 3d Pret. अरोदं, अरोदस्, अरोदत्; अरोदाव, अरोदतं, अरोदतां; अरोदाम, अरोदत, अरोदन्. Or अरोदिषं, अरोदीम्, अरोदीत्; अरोदिष्व, अरोदिष्टं, अरोदिष्टां; अरोदिष्व, अरोदिष्ट, अरोदिषुस्. Bened. रुद्यां, &c. Cond. अरोदिष्यं, &c. *Passive*, Pres. रुद्ये; 3d Pret. 3d sing. अरोदि. *Causal*, Pres. रोदयामि; 3d Pret. अरुदं. *Des.* अरुदियामि. *Freq.* रोरुद्ये, रोरुन्ति (3d sing. रोरुन्ति) or रोरुदीमि. *Participles*, Pres. रुदन्तु; Past pass. रुदित; Past indecl. रुदित्वा, -रुद्य; Fut. pass. रोदितव्य, रोदनीय, रोद्य.

654. Root हन् (318). Inf. हन्तुं 'to kill,' 'to strike.' Parasmai. Pres. हन्मि, हंसि, हन्ति; हन्वस्, हथस्, हतस्; हन्मस्, हथ, हन्ति. Pot. हन्त्यां, &c. Imp. हनानि, जहि, हन्तु; हनाव, हतं, हतां; हनाम, हत, हन्तु. 1st Pret. अहनं, अहन्, अहन् (292); अहन्व, अहतं, अहतां; अहन्म, अहत, अहन्. 2d Pret. जघान (376), जघनिष्य or जघन्थ, जघान; जघिष्व (376), जघ्युस्, जघन्तुस्; जघिम, जघ्ण, जघ्णुस्. 1st Fut. हन्तामि, &c. 2d Fut. हनिष्यामि,

&c. 3d Pret. (432. a) अवधिषं, अवधीस्, अवधीत्; अवधिष्व, अवधिष्टं, अवधिष्टां; अवधिष्म, अवधिष्ट, अवधिषुस्. Bened. बध्यासं, &c. Cond. अहनियं, &c. *Passive*, Pres. हन्ये; 2d Pret. जग्ने (473); 3d Pret. अहंसि, अह्यास् (426. b), अघानि (or अवधि, borrowed from वध्); अहंस्वहि, अहंमाथां, अहंमातां; अहंस्महि, &c.; 1st Fut. हन्ताहे or घानिताहे, &c.; 2d Fut. हनिष्ये or घानिष्ये, &c. *Causal*, Pres. घातयामि; 3d Pret. अजीघतं. *Des.* जिघांसामि. *Freq.* जेघीये, जङ्घन्मि or जंहन्मि or जङ्घनीमि; see 708. *Participles*, Pres. घ्नत्; Past pass. हत; Past indecl. हत्वा, -हत्य; Fut. pass. हन्तव्य, हननीय, घात.

655. Root स्वप् (326). Inf. स्वप्नुं 'to sleep.' Parasmai. Pres. स्वपिमि, स्वपिपि, स्वपिति; स्वपिवस्, स्वपियस्, स्वपितस्; स्वपिन्स्, स्वपिथ, स्वपन्ति. Pot. स्वप्यां, &c. Imp. स्वपानि, स्वपिहि, स्वपितु; स्वपाव, स्वपितं, स्वपितां; स्वपाम, स्वपित, स्वपन्तु. 1st Pret. अस्वपं, अस्वपस् or अस्वपीस्, अस्वपत् or अस्वपीत्; अस्वपिव, &c.; see रूढ् at 653. 2d Pret. (382) मुष्याप, मुष्यपिथ or मुष्यप्य, मुष्याप; मुपुपिव, मुपुपयुस्, मुपुपतुस्; मुपुपिम, मुपुप, मुपुपुस्. 1st Fut. स्वप्नास्मि, &c. 2d Fut. स्वप्स्यामि, &c. 3d Pret. अस्वाप्सं, अस्वाप्सीम्, अस्वाप्सीत्; अस्वाप्स्व, अस्वाप्त्रं, अस्वाप्त्रां; अस्वाप्स्म, अस्वाप्त्र, अस्वाप्सुस्. Bened. मुष्यामं, &c. Cond. अस्वप्स्यं, &c. *Passive*, Pres. मुष्ये (471); 3d Pret. 3d sing. अस्वापि. *Causal*, Pres. स्वापयामि; 3d Pret. अस्वपुषं, &c. *Des.* मुपुप्सामि. *Freq.* सोपुष्ये, सास्वप्मि or सास्वपीमि. *Participles*, Pres. स्वपत्; Past pass. सुप्त; Past indecl. सुप्ता, -सुप्य; Fut. pass. स्वप्त्रव्य, स्वपनीय, स्वाप्य.

656. Root वश् (320). Inf. वशितुं 'to desire,' 'to wish.' Parasmai. Pres. वशिम, वक्षि (302), वष्टि (300); उश्वस्, उष्टस्, उष्टस्; उश्वस्, उष्ट, उशन्ति. Pot. उश्यां, &c. Imp. वशानि, उडिढ (303), वष्टु; वशाव, उष्टं, उष्टां; वशाम, उष्ट, उशन्तु. 1st Pret. अवशं, अवद् or अवङ् (292), अवद् or अवङ्; औश्च (260. a), औष्टं, औष्टां; औश्वस्, औष्ट, औश्वन्. 2d Pret. (375. c) उवाश, उवशिथ, उवाश; ऊशिव, ऊशयुस्, ऊशतुस्; ऊशिम, ऊश, ऊशुस्. 1st Fut. वशितास्मि, &c. 2d Fut. वशिष्यामि, &c. 3d Pret. अवाशिषं, अवाशीम्, अवाशीत्, &c.; or अवशिषं, -शीम्, -शीत्, &c.; see 427. Bened. उश्यासं, &c. Cond. अवशिष्यं. *Passive*, उश्ये (471); 3d Pret. 3d sing. अवाशि or अवशि. *Causal*, Pres. वाशयामि; 3d Pret. अविवशं. *Des.* विवशिषामि. *Freq.* वावश्ये, वावशिम or वावशीमि. *Participles*, Pres. उशत्; Past pass. उशित; Past indecl. वशित्वा, -उश्य; Fut. pass. वशितव्य, वशनीय, वाश्य.

657. Root द्विप् (309). Inf. द्वेष्टुं 'to hate.' Parasmai and Ātmane. Pres. द्वेष्मि, द्वेक्षि (302), द्वेष्टि (301); द्विष्यस्, द्विष्टस्, द्विष्टस्; द्विष्मस्, द्विष्ट, द्विषन्ति. Ātm. द्विषे, द्विष्टे, द्विष्टे; द्विष्यहे, द्विषाथे, द्विषाते; द्विष्महे, द्विष्ट्हे,

द्विपते. Pot. द्विष्यां, &c. *Ātm.* द्विषीय, &c. Imp. द्वेषाणि, द्विड्ढि, द्वेषु; द्वेषाव, द्विष्टं, द्विष्टां; द्वेषाम, द्विष्ट, द्विषन्तु. *Ātm.* द्वेषै, द्विह्व, द्विष्टां; द्वेषावहे, द्विषायां, द्विषातां; द्वेषामहे, द्विड्ढुं, द्विषतां. 1st Pret. अद्वेषं, अद्वेट (292), अद्वेट; अद्विष्व, अद्विष्टं, अद्विष्टां; अद्विष्म, अद्विष्ट, अद्विषन् or अद्विषुस्. *Ātm.* अद्विषि, अद्विष्टास्, अद्विष्ट; अद्विष्वहि, अद्विषायां, अद्विषातां; अद्विष्महि, अद्विड्ढुं, अद्विषत. 2d Pret. दिद्वेष, दिद्वेषिष्य, दिद्वेष; दिद्विषिव, दिद्विषिषुस्, दिद्विषितुस्; दिद्विषिम, दिद्विष, दिद्विषुस्. *Ātm.* दिद्विषे, दिद्विषिषे, दिद्विषे; दिद्विषिवहे, दिद्विषाये, दिद्विषाते; दिद्विषिमहे, दिद्विषिष्वे or -षिद्वे, दिद्विषिरे. 1st Fut. द्वेषास्मि, &c. *Ātm.* द्वेषाहे, &c. 2d Fut. द्वेष्यामि, &c. *Ātm.* द्वेष्ये, &c. 3d Pret. (439. a) अद्विष्टां, -क्षस्, -क्षत्; -क्षाव, -क्षातं, -क्षातां; -क्षाम, -क्षत, -क्षन्. *Ātm.* (439. c) अद्विष्टि, -क्ष्यास्, -क्षत; -क्षावहि, -क्षायां, -क्षातां; -क्षामहि, -क्ष्वं, -क्षन्त. Bened. द्विष्यासं, &c. *Ātm.* द्विषीय, &c. Cond. अद्वेष्यं. *Ātm.* अद्वेष्ये. *Passive*, Pres. द्विष्ये, &c.; 3d Pret. 3d sing. अद्वेषि. *Causal*, Pres. द्वेषयामि; 3d Pret. अदिद्विषं. *Des.* दिद्विष्यामि, -क्षे. *Freq.* देद्विष्ये, देद्वेषि or देद्विषीमि. *Participles*, Pres. द्विषत्; Past pass. द्विष्ट; Past indecl. द्विष्टा, -द्विष्य; Fut. pass. द्वेष्य, द्वेषणीय, द्वेष्य.

658. Root ज्ञास् (323). Inf. ज्ञासितुं 'to rule,' 'to punish.' *Parasmai*. (With ज्ञा 'to bless,' *Ātmane*.) Pres. ज्ञास्मि, ज्ञासि, ज्ञासि; ज्ञास्वस्, ज्ञिष्टम्, ज्ञिष्टस्; ज्ञास्वस्, ज्ञिष्ट, ज्ञासन्ति (290. b). *Ātm.* ज्ञामे, ज्ञास्ते, ज्ञास्ते; ज्ञास्वहे, ज्ञासाये, ज्ञासाते; ज्ञास्वहे, ज्ञाङ्गे or ज्ञाङ्घे (304), ज्ञासन्ते. Pot. ज्ञिष्यां, ज्ञिष्यास्, &c. *Ātm.* ज्ञासीय, &c. Imp. ज्ञासानि, ज्ञाङ्घि or ज्ञाधि (304), ज्ञास्तु; ज्ञासाव, ज्ञिष्टं, ज्ञिष्टां; ज्ञासान, ज्ञिष्ट, ज्ञास्तु. *Ātm.* ज्ञासै, &c. 1st Pret. अज्ञासं, अज्ञात् or अज्ञास् (292, 304. a), अज्ञात्; अज्ञास्व, अज्ञिष्टं, अज्ञिष्टां; अज्ञास्म, अज्ञिष्ट, अज्ञासुम्. *Ātm.* अज्ञासि, &c. 2d Pret. ज्ञासास्, ज्ञासासिष्य, ज्ञासास्; ज्ञासासिव, ज्ञासासिषुस्, ज्ञासासितुस्; ज्ञासासिम, ज्ञासास्, ज्ञासासुस्. *Ātm.* ज्ञासासे, ज्ञासासिषे, &c. 1st Fut. ज्ञासितास्मि. *Ātm.* ज्ञासिताहे, &c. 2d Fut. ज्ञासिष्यामि. *Ātm.* ज्ञासिष्ये, &c. 3d Pret. (441) अज्ञिषं, अज्ञिषस्, अज्ञिषत्; अज्ञिषाव, अज्ञिषतं, अज्ञिषतां; अज्ञिषाम, अज्ञिषत, अज्ञिषन्. *Ātm.* अज्ञासिमि, अज्ञासिष्टास्, अज्ञासिष्ट; अज्ञासिष्वहि, अज्ञासिषायां, अज्ञासिषातां; अज्ञासिष्वहि, अज्ञासिष्वं, अज्ञासिषत. Bened. ज्ञिष्यासं, &c. *Ātm.* ज्ञासिषीय, &c. Cond. अज्ञासिष्यं, &c. *Ātm.* अज्ञासिष्ये, &c. *Passive*, Pres. ज्ञिष्ये, &c.; 3d Pret. 3d sing. अज्ञासि. *Causal*, ज्ञासयामि, &c.; 3d Pret. अज्ञाशासं. *Des.* ज्ञाशासिषामि. *Freq.* ज्ञेज्ज्ञिष्ये, ज्ञाशास्मि or ज्ञाशासीमि. *Participles*, Pres. ज्ञासत् (141. a); Past pass. ज्ञिष्ट; Past indecl. ज्ञासित्वा or ज्ञिष्टा, -ज्ञिष्य; Fut. pass. ज्ञासितव्य, ज्ञासनीय, ज्ञिष्य.

659. Root दिह्. Inf. देग्धुं 'to anoint,' 'to smear.' *Parasmai* and *Ātmane*. Pres. देदि, धेक्षि (306. a), देग्धि (305); दिह्वस्, दिग्धस् (305), दिग्धस्; दिह्वस्, दिग्ध, दिहन्ति. *Ātm.* दिहे, धिष्ये, दिग्धे; दिह्वहे, दिहाये,

दिहाते; दिद्यहे, धिग्ध्वे (306. d), दिहते. Pot. दिह्यां, &c. *Ātm.* दिहीय, &c. *Imp.* देहानि, दिग्धि, देग्धु; देहाव, दिग्धं, दिग्धां; देहाम, दिग्ध, दिहन्तु. *Ātm.* देहै, धिक्त्व, दिग्धां; देहावहै, दिहायां, दिहातां; देहामहै, धिग्ध्वं, दिहतां. 1st *Pret.* अदेहं, अथेक् or अथेग् (292. a), अथेक् or अथेग्; अदिह्, अदिग्धं, अदिग्धां; अदिद्य, अदिग्ध, अदिहन्. *Ātm.* अदिहि, अदिग्धाम्, अदिग्ध; अदिह्, अदिहायां, अदिहातां; अदिद्यहि, अधिग्ध्वं, अदिहत. 2d *Pret.* दिदेह, दिदेहिष, दिदेह; दिदिहिव, दिदिह्युस्, दिदिहतुस्; दिदिहिम, दिदिह, दिदिहुस्. *Ātm.* दिदिहे, दिदिहिषे, दिदिहे; दिदिहिवहे, दिदिहाषे, दिदिहाते; दिदिहिमहे, दिदिहिध्वे or -द्दे, दिदिहिरे. 1st *Fut.* देग्धाम्. *Ātm.* देग्धाहे, &c. 2d *Fut.* धेह्यामि. *Ātm.* धेह्ये, &c. 3d *Pret.* (439) अधिघां, अधिघाम्, अधिघात्; अधिघाव, अधिघातं, अधिघातां; अधिघाम, अधिघात, अधिघान्. *Ātm.* अधिघा, अधिघायाम् or अदिग्धाम्, अधिघात or अदिग्ध; अधिघावहि, अधिघायां, अधिघातां; अधिघामहि, अधिघाध्वं or अधिग्ध्वं, अधिघान्. *Bened.* दिह्यामं. *Ātm.* धिहीय, &c. *Cond.* अथेह्यं. *Ātm.* अथेह्ये. *Passive, Pres.* दिह्ये; 3d *Pret.* 3d sing. अदेहि. *Causal, Pres.* देह्यामि; 3d *Pret.* अदीदिहं. *Des.* दिधिघामि, -द्ये. *Freq.* देदिह्ये, देदिह्यि (3d sing. देदिग्धि). *Participles, Pres.* दिहन्; *Ātm.* दिहान; *Past pass.* दिग्ध; *Past indecl.* दिग्ध्वा, -दिह्य; *Fut. pass.* देग्धव्य, देहनीय, देह्य.

660. Root दुह्. *Inf.* दोग्धुं 'to milk.' *Parasmai and Ātmane. Pres.* दोग्धि, धोग्धि (306. a), दोग्धि (305); दुह्स्, दुग्धस्, दुग्धस्; दुह्स्, दुग्ध, दुहन्ति. *Ātm.* दुहे, धुधे, दुग्धे; दुह्हे, दुहाषे, दुहाते; दुह्यहे, धुग्ध्वे (306. d), दुहते. *Pot.* दुह्यां, &c. *Ātm.* दुहीय, &c. *Imp.* दोहानि, दुग्धि (306. c), दोग्धु; दोहाव, दुग्धं, दुग्धां; दोहाम, दुग्ध, दुहन्तु. *Ātm.* दोहै, धुक्त्व, दुग्धां; दोहावहै, दुहायां, दुहातां; दोहामहै, धुग्ध्वं (306. d), दुहतां. 1st *Pret.* अदोहं, अथोक् or अथोग् (292. a), अथोक् or अथोग्; अदुह्, अदुग्धं, अदुग्धां; अदुह, अदुग्ध, अदुहन्. *Ātm.* अदुहि, अदुग्धाम्, अदुग्ध; अदुह्, अदुहायां, अदुहातां; अदुहहि, अधुग्ध्वं, अदुहत. 2d *Pret.* ददोह, ददोहिष, ददोह; ददुहिव, ददुह्युस्, ददुहतुस्; ददुहिम, ददुह, ददुहुस्. *Ātm.* ददुहे, ददुहिषे, ददुहे; ददुहिवहे, ददुहाषे, ददुहाते; ददुहिमहे, ददुहिध्वे or -द्दे, ददुहिरे. 1st *Fut.* दोग्धाम्. *Ātm.* दोग्धाहे, &c. 2d *Fut.* धोह्यामि. *Ātm.* धोह्ये, &c. 3d *Pret.* (439. a) अधुघां, अधुघाम्, अधुघात्; अधुघाव, अधुघातं, अधुघातां; अधुघाम, अधुघात, अधुघान्. *Ātm.* (439. c) अधुघा, अधुघायाम् or अदुग्धाम्, अधुघात or अदुग्ध; अधुघावहि, अधुघायां, अधुघातां; अधुघामहि, अधुघाध्वं or अधुग्ध्वं, अधुघान्. *Bened.* दुह्यामं. *Ātm.* धुहीय, &c. *Cond.* अथोह्यं. *Ātm.* अथोह्ये, &c. *Passive, Pres.* दुह्ये; 3d *Pret.* 3d sing. अदोहि. *Causal, Pres.* दोह्यामि; 3d *Pret.* अदुदुहं. *Des.* दुधुघामि, -द्ये. *Freq.* ददुह्ये, ददोदुह्यि (3d sing. ददोदुग्धि). *Participles, Pres.* दुहन्, दुहान; *Past pass.* दुग्ध; *Past indecl.* दुग्ध्वा, -दुह्य; *Fut. pass.* दोग्धव्य, दोहनीय, दोह्य.

661. Root लिह्. Inf. लेढुं 'to lick.' Parasmai and Ātmane. Pres. लेभि, लेषि (306), लेढि (305. a); लिह्स्, लीढस् (305. a), लीढस्; लिद्यस्, लीढ, लिहन्ति. Ātm. लिहे, लिषे, लीढे; लिह्हे, लिहाथे, लिहाते; लिषहे, लीढे, लिहते. Pot. लिष्यां. Ātm. लिहीय, &c. Imp. लेहानि, लीढि (306. c), लेढु; लेहाव, लीढं, लीढां; लेहाम, लीढ, लिहन्तु. Ātm. लेहे, लिष्व, लीढां; लेहावहे, लिहाथां, लिहातां; लेहामहे, लीढं (306. c), लिहतां. 1st Pret. अलेहं, अलेढ् or अलेड् (292. a), अलेढ् or अलेड्; अलिह्, अलीढं, अलीढां; अलिद्य, अलीढ, अलिहन्. Ātm. अलिहि, अलीढास्, अलीढ; अलिह्हि, अलिहाथां, अलिहातां; अलिद्यहि, अलीढं, अलिहन्. 2d Pret. लिलेह, लिलेहिथ, लिलेह; लिलिहिव, लिलिह्युम्, लिलिहन्तुम्; लिलिहिम, लिलिह, लिलिहुम्. Ātm. लिलिहे, लिलिहिषे, &c. 1st Fut. लेढास्मि. Ātm. लेढाहे, &c. 2d Fut. लेष्यामि. Ātm. लेष्ये, &c. 3d Pret. (439. a) अलिद्यं, -द्यस्, -द्यन्; -द्याव, -द्यन्तं, -द्यन्तां; -द्यान, -द्यन्, -द्यन्. Ātm. (439. c) अलिद्यि, अलिद्यथास् or अलीढास्, अलिद्यन् or अलीढ; अलिद्यावहि, -द्याथां, -द्यातां; अलिद्यामहि, अलिद्यन्थं or अलीढं, अलिद्यन्. Bened. लिद्यामं. Ātm. लिद्यीय, &c. Cond. अलेष्यं. Ātm. अलेष्ये, &c. Passive, Pres. लिष्ये; 3d Pret. 3d sing. अलेहि. Causal, Pres. लेहयामि; 3d Pret. अलीलिहं. Des. लिलिद्यामि, -द्ये. Freq. लेलिद्ये, लेलेभि (3d sing. लेलेढि). Participles, Pres. लिहन्; Ātm. लिहान; Past pass. लीढ; Past indecl. लीढा, -लिद्य; Fut. pass. लेढ्य, लेहनीय, लेद्य.

EXAMPLES OF PRIMITIVE VERBS OF THE THIRD CONJUGATION, EXPLAINED AT 330.

662. Root हु hu. Infin. होतुं hotum, 'to sacrifice.'

PARASMAI-PADA. Present tense, 'I sacrifice.'

जुहोमि juhomi	जुहुवस् juhuvas*	जुहुमस् juhumas †
जुहोषि juhoshi	जुहुथस् juhuthas	जुहुथ juhutha
जुहोति juhoti	जुहुतस् juhutas	जुह्वति juhwati

Potential, 'I may sacrifice.'

जुहुयाम् juhuyám	जुहुयाव juhuyáva	जुहुयाम juhuyáma
जुहुयाम् juhuyás	जुहुयातं juhuyátam	जुहुयात juhuyáta
जुहुयात् juhuyát	जुहुयातां juhuyátám	जुहुयुम् juhuyus

Imperative, 'Let me sacrifice.'

जुहवामि juhavámi	जुहवाव juhaváva	जुहवाम juhaváma
जुहुधि juhudhi (291)	जुहुतं juhutam	जुहुत juhuta
जुहोतु juhotu	जुहुतां juhutám	जुह्वतु juhvatu

* Or जुह्वस् juhvas.

† Or जुद्यस् juhmas.

First preterite, 'I was sacrificing.'

अजुहवँ <i>ajuhavam</i>	अजुहुव <i>ajuhuva</i>	अजुहुम <i>ajuhuma</i>
अजुहोस् <i>ajuhos</i>	अजुहुतं <i>ajuhutam</i>	अजुहुत <i>ajuhuta</i>
अजुहोत् <i>ajuhot</i>	अजुहुतां <i>ajuhutām</i>	अजुहवुस् <i>ajuhavus</i> (330)

2d Pret. (367. b) जुहाव, जुहविय or जुहोय, जुहाव; जुहुविव, जुहुवपुम्, जुहुवतुम्; जुहुविम, जुहुव, जुहुवुम्. Or जुहवाच्चकार, &c.; see 385. c. 1st Fut. होतास्मि, &c. 2d Fut. होष्यामि, &c. 3d Pret. अहौमं, अहौपीस्, अहौमीत्; अहौष्व, अहौष्टं, अहौष्टां; अहौष्म, अहौष्ट, अहौषुस्. Bened. हूयामं, &c. Cond. अहोष्यं, &c. *Passive*, Pres. हूये; 3d Pret. 3d sing. अहावि, *Causal*, Pres. हावयामि; 3d Pret. अनूहवं. *Des.* जुहुषामि. *Freq.* जोहूये, जोहोमि or जोहवीमि. *Participles*, Pres. जुहृत्; Past pass. हुत; Past indecl. हुत्वा, -हुत्; Fut. pass. होतव्य, हवनीय, हव्य or हाव्य.

EXAMPLES OF OTHER VERBS OF THE THIRD CONJUGATION
IN THE ORDER OF THEIR FINAL LETTERS.

663. Root दा (335). Inf. दातुं 'to give.' Parasmai and Ātmane. Pres. ददामि, ददासि, ददाति; दद्वस्, दन्थस्, दन्नस्; दद्वस्, दन्थ, ददति. Ātm. ददे, दत्से, दत्से; दद्वहे, ददाथे, ददाते; दद्वहे, दद्वे, ददते. Pot. दद्यां, दद्याम्, &c. Ātm. ददीय, &c. Imp. ददानि, देहि, ददातु; ददाव, दन्नं, दन्तां; ददाम, दन्न, ददतु. Ātm. दद्वै, दन्थ, दन्तां; ददावहे, ददाथां, ददातां; ददामहै, दद्वं, ददतां. 1st Pret. अददां, अददाम्, अददात्; अदद्व, अदन्नं, अदन्तां; अदद्व, अदन्न, अददुस् (330). Ātm. अददि, अदन्थास्, अदन्न; अदद्वहि, अददाथां, अददातां; अदद्वहि, अदद्वं, अददत्. 2d Pret. (373) ददौ, ददिय or ददाय, ददौ; ददिव, ददयुस्, ददतुस्; ददिस, दद, ददुस्. Ātm. ददे, ददिथे, ददे; ददिवहे, ददाथे, ददाते; ददिमहे, ददिष्वे or -द्वे, ददिरे. 1st Fut. दातास्मि. Ātm. दाताहे, &c. 2d Fut. दास्यामि. Ātm. दास्ये, &c. 3d Pret. (438) अदां, अदाम्, अदात्; अदाव, अदातं, अदातां; अदाम, अदात्, अदुस्. Ātm. (438. d) अदिपि, अदिथास्, अदित; अदिष्वहि, अदिपाथां, अदिपातां; अदिष्वहि, अदिष्वं or -द्वं, अदिषत्. Bened. देयामं. Ātm. दासीय, &c. Cond. अदास्यं. Ātm. अदास्ये, &c. *Passive*, Pres. दीये, &c.; 3d Pret. 3d sing. अदायि, see 700. *Causal*, Pres. दापयामि (483); 3d Pret. अदीदपं. *Des.* (503) दितामि, दित्से. *Freq.* देदीये, दादामि or दादेमि. *Participles*, Pres. ददत् (141. a); Past pass. दत्त; Past indecl. दत्त्वा, -दाय; Fut. pass. दातव्य, दानीय, देय.

664. Root धा (336). Inf. धातुं 'to place.' Parasmai and Ātmane. Pres. दधामि, दधासि, दधाति; दध्वस्, धन्थस् (42. c) *, धन्नस् (42. c); दध्वस्,

* The root being practically दध् is amenable to 42. c.

धत्, दधति. *Átm.* दधे, धत्से, धत्ते; दध्वहे, दधाये, दधाते; दध्वहे, धद्वे*, दधते. *Pot.* दध्यां, दध्यास्, &c. *Átm.* दधीय, दधीयास्, &c. *Imp.* दधानि, धेहि, दधातु; दधाव, धत्तं, धत्तां; दधाम, धत्त, दधतु. *Átm.* दधै, धत्स्व, धत्तां; दधावहै, दधायां, दधातां; दधामहै, धद्वं, दधतां. 1st *Pret.* अदधां, अदधास्, अदधात्; अदध्व, अधत्तं, अधत्तां; अदध्व, अधत्त, अदधुस्. *Átm.* अदधि, अधत्स्याम्, अधत्त; अदध्वहि, अदधायां, अदधातां; अदध्वहि, अधद्वं, अदधत. 2d *Pret.* (373) दधौ, दधिय or दधाय, दधौ; दधिव, दधधुस्, दधतुस्; दधिम, दध, दधुस्. *Átm.* दधे, दधिसे, &c.; see दा at 663. 1st *Fut.* धातास्मि. *Átm.* धाताहे, &c. 2d *Fut.* धास्यामि. *Átm.* धास्ये, &c. 3d *Pret.* (438) अधां, अधास्, अधात्; अधाव, अधातं, अधातां; अधाम, अधात, अधुस्. *Átm.* (438. d) अधिधि, अधिध्यास्, अधिधित; अधिध्वहि, अधिधायां, अधिधातां; अधिध्वहि, अधिध्वं or -द्वं, अधिधत्त. *Bened.* धेयासं. *Átm.* धास्वीय, &c. *Cond.* अधास्यं. *Átm.* अधास्ये, &c. *Passive, Pres.* धीये; 1st *Fut.* धायिताहे or धाताहे; 3d *Pret.* 3d sing. अधायि. *Causal, धापयामि*; 3d *Pret.* अदीधपं. *Des.* धित्सामि (503). *Freq.* देधीये, दाधामि or दाधेमि. *Participles, Pres.* दधत् (141. a); *Átm.* दधान; *Past pass.* हित; *Past indecl.* हित्वा, -धाय; *Fut. pass.* धातव्य, धानीय, धेय.

a. Root मा (338). *Inf.* मातुं 'to measure.' *Átmane.* *Pres.* मिमे, मिमीये or मिमिपे †, मिमीते or मिमिते; मिमीवहे or मिमिवहे †, मिमाये, मिमाते; मिमीमहे or मिमिमहे †, मिमीध्वे or मिमिध्वे †, मिमते. *Pot.* मिमीय, मिमीयास्, मिमीत, &c. *Imp.* मिमै, मिमीष्व or मिमिष्व †, मिमीतां or मिमितां †; मिमावहै, मिमायां, मिमातां; मिमामहै, मिमीध्वं or मिमिध्वं †, मिमतां. 1st *Pret.* अमिमि, अमिमीयास् or अमिमियास् †, अमिमीत or अमिमित †; अमिमीवहि or अमिमिवहि, अमिमायां, अमिमातां; अमिमीमहि or अमिमिमहि †, अमिमीध्वं or अमिमिध्वं †, अमिमत्. 2d *Pret.* ममे, ममिपे, ममे; ममिवहे, ममाये, ममाते; ममिमहे, ममिध्वे or -द्वे, ममिरे. 1st *Fut.* माताहे, &c. 2d *Fut.* मास्ये, &c. 3d *Pret.* (433. a) अमासि, अमास्यास्, अमास्त; अमास्वहि, अमासायां, अमासातां; अमास्वहि, अमाध्वं, अमामत्. *Bened.* मासीय, &c. *Cond.* अमास्ये, &c. *Passive, Pres.* मीये; 3d *Pret.* 3d sing. अमायि. *Causal, मापयामि*; 3d *Pret.* अमीमपं. *Des.* मित्सामि, -त्से (503). *Freq.* मेमीये, मामामि or मामेमि. *Participles, Pres.* मिमान; *Past pass.* मित; *Past indecl.* मित्वा, -माय, -मीय; *Fut. pass.* मातव्य, मानीय, मेय.

665. Root हा (337). *Inf.* हातुं 'to quit.' *Parasmai.* *Pres.* जहामि, जहासि, जहाति; जहीवस् or जहिवस् †, जहीयस् or जहिथस् †, जहीतस् or

* The aspirate is thrown back on the initial of the root, both before terminations beginning with *s* and *t*, and before *dhwe* and *dhvam*, as in roots ending in *ह् h*. Compare 306. d.

† According to some authorities. See Foster.

जहितस्* ; जहीमस् or जहिमस्*, जहीथ or जहिथ*, जहति. Pot. जस्यां, जस्यास्, &c. Imp. जहानि, जहीहि or जहिहि or जहाहि, जहातु; जहाय, जहीतं or जहितं*, जहीतां or जहितां*; जहाम, जहीत or जहित*, जहतु. 1st Pret. अजहां, अजहास्, अजहात्; अजहीव or अजहिव*, अजहीतं or अजहितं*, अजहीतां or अजहितां*; अजहीम or अजहिम*, अजहीत or अजहित*, अजहुस्. 2d Pret. जहौ, जहिय or जहाय, जहौ; जहिव, जहयुस्, जहतुस्; जहिम, जह, जहुस्. 1st Fut. हातास्मि, &c. 2d Fut. हाम्यामि, &c. 3d Pret. (433) अहासिपं, अहासीम्, अहासीत्; अहासिष्व, अहासिष्टं, अहासिष्टां; अहासिष्म, अहासिष्ट, अहासिष्पुस्. Bened. हेयासं, &c. Cond. अहास्यं. *Passive*, Pres. हीये; 3d Pret. 3d sing. अहायि. *Causal*, Pres. हापयामि; 3d Pret. अजीहयं. *Des.* जिहासामि. *Freq.* जेहीये, जाहामि or जाहेमि. *Participles*, Pres. जहत् (141. a); Past pass. हीन; Past indecl. हित्वा, -हाय; Fut. pass. हातव्य, हानीय, हेय.

666. Root भी (333). Inf. भेतुं 'to fear.' *Parasmai*. Pres. विभेमि, विभेपि, विभेति; विभोवस् or विभिवस्, विभीयस् or विभिचस्, विभीतस् or विभितस्; विभीमस् or विभिम्, विभीच or विभिच, विभ्यति (34). Pot. विभीयां or विभियां, &c. Imp. विभयानि, विभीहि or विभिहि, विभेतु; विभयाव, विभीतं or विभितं, विभीतां or विभितां; विभयाम, विभीत or विभित, विभ्यतु (34). 1st Pret. अविभयं, अविभेस्, अविभेत्; अविभीच or अविभिव, अविभीतं or अविभितं, अविभीतां or अविभितां; अविभीम or अविभिम, अविभीत or अविभित, अविभयुस् (330). Or विभयाच्चकार (385. c). 2d Pret. (367) विभाय, विभयिच or विभेच, विभाय; विभ्यिव, विभ्ययुस्, विभ्यतुस्; विभ्यिम, विभ्य, विभ्युस्. 1st Fut. भेतास्मि, &c. 2d Fut. भेष्यामि, &c. 3d Pret. अभैपं, अभैपीस्, अभैपीत्; अभैष्व, अभैष्टं, अभैष्टां; अभैष्म, अभैष्ट, अभैष्पुस्. Bened. भीयासं. Cond. अभैष्यं. *Passive*, Pres. भीये; 3d Pret. 3d sing. अभायि. *Causal*, Pres. भाययामि or -ये, or भापये or भीपये; 3d Pret. अचीभयं or अचीभपं or अचीभिपं. *Des.* विभीषामि. *Freq.* वेभीये or वेभेमि or वेभयीमि. *Participles*, Pres. विभ्यत् (141. a); Past pass. भीत; Past indecl. भीत्वा, -भीय; Fut. pass. भेतव्य, भयनीय, भेय.

a. Root ह्री. Inf. ह्रेतुं 'to be ashamed.' *Parasmai*. Pres. जिह्रेमि, जिह्रेपि, जिह्रेति; जिह्रीवस्, जिह्रीचस्, जिह्रीतस्; जिह्रीमस्, जिह्रीथ, जिह्रियति (123. a). Pot. जिह्रीयां, &c. Imp. जिह्रयाणि, जिह्रीहि, जिह्रेतु; जिह्रयाव, जिह्रीतं, जिह्रीतां; जिह्रयाम, जिह्रीत, जिह्रियतु. 1st Pret. अजिह्रयं, अजिह्रेस्, अजिह्रेत्; अजिह्रीव, अजिह्रीतं, अजिह्रीतां; अजिह्रीम, अजिह्रीत, अजिह्रयुस् (330). 2d Pret. जिह्राय, जिह्रियिच or जिह्रेच, जिह्राय; जिह्रियिव (367. a), जिह्रिययुस्, जिह्रियतुस्; जिह्रियिम, जिह्रिय, जिह्रियुस्. 1st Fut. ह्रेतास्मि, &c. 2d Fut.

* According to some authorities. See Foster.

हेष्यामि, &c. 3d Pret. अहैषं, अहैषीम्, अहैषीत्; अहैष्व, -ष्टं, -ष्टां; अहैष्म, -ष्ट, -षुम्. Bened. ह्रीयामं. Cond. अहैष्यं. *Passive*, Pres. ह्रीये; 3d Pret. 3d sing. अह्रायि. *Causal*, Pres. ह्रेषयामि; 3d Pret. अजिह्रिषं*. *Des.* जिह्रीषामि. *Freq.* जेह्रीये, जेह्रीमि or जेह्रीयामि. *Participles*, Pres. जिह्रियत् (141. a); Past pass. ह्रीण or ह्रीत; Past indecl. ह्रीत्वा; Fut. pass. ह्रेतव्य, ह्यणीय, ह्रेय.

b. Root जन्. Inf. जनितुं 'to produce.' *Parasmai*. Pres. जजन्मि, जजन्मि or जजनिमि, जजन्ति; जजन्वस्, जजाथस्, जजातस्; जजन्मस्, जजाथ, जजति. Pot. जजन्त्यां or जजायां, &c. Imp. जजनानि, जजाहि, जजन्तु; जजनाव, जजातं, जजातां; जजनाम, जजात, जजन्तु. 1st Pret. अजजनं, अजजन (292. a), अजजन्; अजजन्व, अजजातं, अजजातां; अजजन्म, अजजात, अजजन्म. 2d Pret. जजान or जजन, जजनिथ, जजान; जजिव, जजथुस्, जजन्तुस्; जजिम, जज, जज्जुस्. 1st Fut. जनितास्मि, &c. 2d Fut. जनिष्यामि, &c. 3d Pret. अजजानिषं, अजजानीम्, अजजानीत्; अजजानिष्व, &c. Or अजजनिषं, &c.; see 427. Bened. जज्यासं or जजायासं, &c. Cond. अजजनिष्यं, &c. *Passive*, Pres. जाये (compare 617. a) or ज्ये; 3d Pret. 3d sing. अजनि. *Causal*, Pres. जनयामि; 3d Pret. अजीजनं. *Des.* जिजनिषे. *Freq.* जाजाये or जज्ज्ये, जजन्मि. *Participles*, Pres. जजत् (141. a); Past pass. जात, जनित; Past indecl. जनित्वा, -जन्य, -जाय; Fut. pass. जनितव्य, जननीय, जन्य.

EXAMPLES OF PRIMITIVE VERBS OF THE SEVENTH CONJUGATION, EXPLAINED AT 342.

667. Root छिद् *chhid*. Infin. छेत्तुं *chhettum*, 'to cut.'

PARASMAI-PADA. *Present tense*, 'I cut.'

छिनन्मि <i>chhinadmi</i>	छिन्द्वस् <i>chhindvas</i>	छिन्मस् <i>chhindmas</i>
छिनन्ति <i>chhinatsi</i>	छिन्यस् <i>chhinthas</i> (345)	छिन्य <i>chhintha</i> (345)
छिनन्ति <i>chhinatti</i>	छिन्तस् <i>chhintas</i> (345)	छिन्दन्ति <i>chhindanti</i>

Potential, 'I may cut.'

छिन्द्यां <i>chhindyām</i>	छिन्द्याव <i>chhindyāva</i>	छिन्द्याम <i>chhindyāma</i>
छिन्द्याम् <i>chhindyāś</i>	छिन्द्यातं <i>chhindyātam</i>	छिन्द्यात <i>chhindyāta</i>
छिन्द्यात् <i>chhindyāt</i>	छिन्द्यातां <i>chhindyātām</i>	छिन्द्युस् <i>chhindyus</i>

Imperative, 'Let me cut.'

छिनदानि <i>chhinadāni</i>	छिनदाव <i>chhinadāva</i>	छिनदाम <i>chhinadāma</i>
छिन्धि <i>chhindhi</i> †	छिन्तं <i>chhintam</i> (345)	छिन्त <i>chhinta</i> (345)
छिनन्तु <i>chhinattu</i>	छिन्तां <i>chhintām</i> (345)	छिन्दन्तु <i>chhindantu</i>

* So Foster. Westergaard gives अजिह्रीषं.

† Or छिन्धि *chhindhi*, see 345.

First preterite, 'I was cutting.'

अछिनदं <i>achhinadam</i>	अछिन्द <i>achhindwa</i>	अछिन्म <i>achhindma</i>
अछिनत् <i>achhinat</i> (292)	अछिन्तं <i>achhintam</i>	अछिन्ता <i>achhinta</i>
अछिनत् <i>achhinat</i> (292)	अछिन्तां <i>achhintám</i>	अछिन्दन् <i>achhindan</i>

2d Pret. चिच्छेद (48. *b*), चिच्छेदिय, चिच्छेद; चिच्छिदिव, चिच्छिदयुम्, चिच्छिदनुम्; चिच्छिदिम, चिच्छिद, चिच्छिदुम्. 1st Fut. छेत्तास्मि, &c. 2d Fut. छेत्यामि, &c. 3d Pret. अछिदं, अछिदस्, अछिदत्; अछिदाव, अछिदतं, अछिदतां; अछिदाम, अछिदत, अछिदन्. Or अछैत्तं, अछैत्सीम्, अछैत्सीत्; अछैत्स्व, अछैत्तं, अछैत्तां; अछैत्स्म, अछैत्त, अछैत्सुम्. Bened. छिद्यासं, &c. Cond. अछैत्स्यं, &c.

ÁTMANE-PADA. Present tense, 'I cut.'

छिन्दे <i>chhinde</i>	छिन्दहे <i>chhindwahe</i>	छिन्महे <i>chhindmahe</i>
छिन्ते <i>chhintse</i>	छिन्दाथे <i>chhindáthe</i>	छिन्द्वे <i>chhinddhwē</i>
छिन्ते <i>chhinte</i> (345)	छिन्दाते <i>chhindáte</i>	छिन्दते <i>chhindate</i>

Potential, 'I may cut.'

छिन्दीय <i>chhindíya</i>	छिन्दीवहि <i>chhindívahi</i>	छिन्दीमहि <i>chhindímahi</i>
छिन्दीयाम् <i>chhindíthás</i>	छिन्दीयाथां <i>chhindiyáthám</i>	छिन्दीध्वं <i>chhindídhvam</i>
छिन्दीत <i>chhindíta</i>	छिन्दीयातां <i>chhindiyátám</i>	छिन्दीरान् <i>chhindíran</i>

Imperative, 'Let me cut.'

छिनदै <i>chhinadai</i>	छिनदावहै <i>chhinadávahai</i>	छिनदामहै <i>chhinadámahai</i>
छिनस्व <i>chhintswa</i>	छिन्दाथां <i>chhindáthám</i>	छिन्द्वं <i>chhinddhwam</i>
छिन्तां <i>chhintám</i>	छिन्दातां <i>chhindátám</i>	छिन्दातां <i>chhindatám</i>

First preterite.

अछिन्दि <i>achhindi</i>	अछिन्द्वहि <i>achhindwahi</i>	अछिन्महि <i>achhindmahi</i>
अछिन्ध्याम् <i>achhindhás</i>	अछिन्दाथां <i>achhindáthám</i>	अछिन्द्वं <i>achhinddhwam</i>
अछिन्त <i>achhinta</i>	अछिन्दातां <i>achhindátám</i>	अछिन्दत <i>achhindata</i>

2d Pret. चिच्छिदे, चिच्छिदिपे, चिच्छिदे; चिच्छिदिवहे, चिच्छिदाथे, चिच्छिदाते; चिच्छिदिमहे, चिच्छिदिध्वे, चिच्छिदिरे. 1st Fut. छेत्ताहे, &c. 2d Fut. छेत्ये, &c. 3d Pret. अछित्सि, अछित्स्याम्, अछित्स; अछित्स्वहि, अछित्सयाथां, अछित्सयातां; अछित्समहि, अछित्सं, अछित्सत. Bened. छित्सीय, &c. Cond. अछेत्ये. *Passive*, Pres. छिद्ये, &c.; 3d Pret. 3d sing. अछेदि. *Causal*, Pres. छेदयामि; 3d Pret. अचिच्छिदं. *Des.* चिच्छित्सामि, -त्से. *Freq.* चेच्छिद्ये, चेच्छेत्सि. *Participles*, Pres. छिन्दत्; *Átm.* छिन्दान; *Past pass.* छिन्न; *Past indecl.* छित्त्वा, -छिद्य; *Fut. pass.* छेत्तव्य, छेदनीय, छेद्य.

EXAMPLES OF OTHER VERBS OF THE SEVENTH CONJUGATION
IN THE ORDER OF THEIR FINAL LETTERS.

668. Root अञ्. Inf. अञ्क्तुं 'to anoint,' 'to make clear.' Parasmai. Pres. अनाञ्मि, अनाञ्छि (296), अनाञ्कि; अञ्जस्, अञ्कथस्, अञ्कस्; अञ्जम्, अञ्कथ, अञ्जन्ति. Pot. अञ्ज्यां, &c. Imp. अनाञ्जानि, अञ्गिथ, अनाञ्कु; अनाञ्जाव, अञ्के, अञ्कां; अनाञ्जाम, अञ्क, अञ्जन्तु. 1st Pret. अनाञ्जं, अनाञ्क् (292), अनाञ्क्; अञ्ज, अञ्कं, अञ्कां; अञ्ज्म, अञ्क, अञ्जन्. 2d Pret. अनाञ्ज, अनाञ्जिथ or अनाञ्कथ, अनाञ्ज; अनाञ्जिथ, अनाञ्जथुस्, अनाञ्जतुस्; अनाञ्जिम, अनाञ्ज, अनाञ्जुस्. 1st Fut. अञ्कास्मि or अञ्जितास्मि, &c. 2d Fut. अञ्क्ष्यामि or अञ्जिष्यामि, &c. 3d Pret. अञ्जिषं, अञ्जिष्म, अञ्जिषीत्; अञ्जिष्व, &c., see 427. Bened. अञ्ज्यासं (452. b). Cond. अञ्क्ष्यं or अञ्जिष्यं. *Passive*, Pres. अञ्जे (469); 3d Pret. 3d sing. अञ्जि. *Causal*, Pres. अञ्जयामि; 3d Pret. अञ्जिजं. *Des.* अञ्जिजिषामि. *Participles*, Pres. अञ्जत्; Past pass. अञ्क; Past indecl. अञ्जित्वा or अञ्क्त्वा or अञ्क्त्वा, -अञ्ज्य; Fut. pass. अञ्कथ्य or अञ्जितव्य, अञ्जनीय, अञ्ज्य or अञ्ग्य.

a. Root भुञ् (346). Inf. भोक्तुं 'to eat,' 'to enjoy.' Parasmai and Ātmane. Pres. भुनाञ्मि, भुनाञ्छि, भुनाञ्कि; भुञ्जस्, भुञ्कथस्, भुञ्कस्; भुञ्जम्, भुञ्कथ, भुञ्जन्ति. Ātm. भुञ्जे, भुञ्छे, भुञ्के; भुञ्जहे, भुञ्जाये, भुञ्जाते; भुञ्जहे, भुञ्ज्वे, भुञ्जते. Pot. भुञ्ज्यां, &c. Ātm. भुञ्जीय, &c. Imp. भुनाञ्जानि, भुञ्गिथ, भुनाञ्कु; भुनाञ्जाव, भुञ्के, भुञ्कां; भुनाञ्जाम, भुञ्क, भुञ्जन्तु. Ātm. भुनाञ्जे, भुञ्ख, भुञ्कां; भुनाञ्जावहै, भुञ्जायां, भुञ्जातां; भुनाञ्जामहै, भुञ्ज्वं, भुञ्जतां. 1st Pret. अभुनाञ्जं, अभुनाञ्क् (292), अभुनाञ्क्; अभुञ्ज, अभुञ्के, अभुञ्कां; अभुञ्ज्म, अभुञ्क, अभुञ्जन्. Ātm. अभुञ्जि, अभुञ्कथाम्, अभुञ्क; अभुञ्जहि, अभुञ्जायां, अभुञ्जातां; अभुञ्जमहि, अभुञ्ज्वं, अभुञ्जत. 2d Pret. वुभोज, वुभोजिथ, वुभोज; वुभुजिथ, वुभुजथुस्, वुभुजतुस्; वुभुजिम, वुभुज, वुभुजुस्. Ātm. वुभुजे, वुभुजिषे, वुभुजे; -जिथहे, -जाये, -जाते; -जिमहे, -जिथ्वे, -जिरे. 1st Fut. भोक्तास्मि. Ātm. भोक्ताहे, &c. 2d Fut. भोक्ष्यामि. Ātm. भोक्ष्ये, &c. 3d Pret. अभोक्षं, -क्षाम्, क्षीत्; अभोक्ष्व, अभोक्षं, -क्षां; अभोक्ष्म, अभोक्ष, अभोक्षुस्. Ātm. अभुक्षि, अभुक्षयाम्, अभुक्ष; अभुक्ष्वहि, अभुक्षयां, अभुक्षतां; अभुक्षमहि, अभुक्ष्वं, अभुक्षत. Bened. भुञ्ज्यासं, &c. Ātm. भुञ्जीय, &c. Cond. अभोक्ष्यं, &c. Ātm. अभोक्ष्ये, &c. *Passive*, Pres. भुञ्जे; 3d Pret. 3d sing. अभोजि. *Causal*, Pres. भोजयामि, -ये; 3d Pret. अबुभुजं. *Des.* वुभुक्षामि, -क्षे. *Freq.* वोभुञ्जे, वोभोजि. *Participles*, Pres. भुञ्जत्; Ātm. भुञ्जान; Past pass. भुञ्क; Past indecl. भुञ्क्त्वा, -भुञ्ज्य; Fut. pass. भोक्तव्य, भोजनीय, भोज्य or भोग्य.

669. Root भञ् (347). Inf. भञ्क्तुं 'to break.' Parasmai. Pres. भनाञ्मि, भनाञ्छि, भनाञ्कि; भञ्जस्, भञ्कथस्, भञ्कस्; भञ्जम्, भञ्कथ, भञ्जन्ति. Pot. भञ्ज्यां, &c. Imp. भनाञ्जानि, भञ्गिथ, भनाञ्कु; भनाञ्जाव, भञ्के, भञ्कां; भनाञ्जाम, भञ्क, भञ्जन्तु. 1st Pret. अभनाञ्जं, अभनाञ्क् (292), अभनाञ्क्; अभञ्ज, अभञ्के, अभञ्कां;

अभंज्, अभंक्त, अभंजन्. 2d Pret. वभञ्ज, वभञ्जिय or वभंक्थ, वभञ्ज; वभञ्जिव, वभञ्जयुस्, वभञ्जतुस्; वभञ्जिन, वभञ्ज, वभञ्जुस्. 1st Fut. भंक्तास्मि, &c. 2d Fut. भंक्ष्यामि, &c. 3d Pret. अभंक्षां, -क्षीस्, -क्षीत्; अभंक्ष्व, अभंक्तां, -क्तां; अभंक्ष्व, अभंक्त, अभंक्षुस्. Bened. भन्त्यासं, &c. (452. b). Cond. अभंक्ष्यं, &c. *Passive*, Pres. भन्त्ये (469); 3d Pret. 3d sing. अभञ्जि. *Causal*, Pres. भञ्जयामि; 3d Pret. अबभञ्ज. *Des.* विभंक्ष्यामि. *Freq.* वंभन्त्ये, वंभञ्जि. *Participles*, Pres. भञ्जत्; Past pass. भग्न; Past indecl. भंक्ता or भक्ता, -भन्त्य; Fut. pass. भंक्त्व्य, भञ्जनीय, भंज्य.

670. Root युञ्. Inf. योक्तुं 'to join,' 'to unite.' Parasmai and Ātmane. Pres. युनक्ति, युनक्ति, &c.; see भुञ् at 668. a. Ātm. युञ्जे, युञ्जे, &c.; see 668. a. Pot. युञ्ज्यां, &c. Ātm. युञ्जीय, &c. Imp. युनजानि, युंग्धि, युनक्तु; युनजाव, &c.; see 668. a. Ātm. युनजै, युंक्ष्व, युंक्तां, &c. 1st Pret. अयुनजं, अयुनक् (292), अयुनक्; अयुंञ्ज, &c.; see 668. a. Ātm. अयुञ्जि, अयुंक्थाम्, &c. 2d Pret. युयोज, युयोजिथ, युयोज; युयुजिव, &c.; see भुञ् at 668. a. Ātm. युयुजे, &c. 1st Fut. योक्तास्मि, &c. Ātm. योक्ताहे, &c. 2d Fut. योक्ष्यामि, &c. Ātm. योक्ष्ये, &c. 3d Pret. अयुजं, -जस्, -जत्; -जाव, -जतां, -जतां; -जाम, -जत, -जन्. Or अयौक्षं, -क्षीस्, -क्षीत्; अयौक्ष, &c.; see 668. a. Ātm. अयुक्षि, अयुक्थाम्, अयुक्त; अयुक्षहि, &c. Bened. युञ्ज्यासं, &c. Ātm. युञ्जीय. Cond. अयोक्ष्यं. Ātm. अयोक्ष्ये. *Passive*, Pres. युञ्ज्ये; 3d Pret. 3d sing. अयोजि, see 702. *Causal*, Pres. योजयामि; 3d Pret. अयूयुजं. *Des.* युयुक्ष्यामि, -क्षे. *Freq.* योयुञ्ज्ये, योयोञ्जि. *Participles*, Pres. युञ्जत्; Ātm. युञ्जान; Past pass. युक्त; Past indecl. युक्ता, -युज्य; Fut. pass. योक्त्व्य, योजनीय, योग्य or योज्य.

671. Root रुध्. Inf. रोद्धुं 'to hinder.' Parasmai and Ātmane. Pres. रुध्मि, रुध्मि, रुध्मि; रुध्वस्, रुध्वस्*, रुध्वस्*; रुध्मस्, रुध्वस्*, रुध्वन्ति. Ātm. रुन्धे, रुन्धे, रुन्धे*; रुध्वहे, रुन्धाथे, रुन्धाते; रुध्वहे, रुन्धे, रुन्धते. Pot. रुन्ध्यां, &c. Ātm. रुन्धीय, &c. Imp. रुध्धानि, रुन्धि, रुध्दु; रुध्धाव, रुन्धं*, रुन्धां*; रुध्धाम, रुन्धं*, रुन्धन्तु. Ātm. रुध्धै, रुन्धस्, रुन्धां; रुध्धावहे, रुन्धाथां, रुन्धातां; रुध्धामहे, रुन्धं, रुन्धातां. 1st Pret. अरुध्धं, अरुध्त् or अरुध्द् or अरुध्म् (292), अरुध्त् or अरुध्द्; अरुध्व, अरुन्धं, अरुन्धां; अरुन्ध्म, अरुन्ध, अरुन्धन्. Ātm. अरुन्धि, अरुन्ध्याम्, अरुन्ध; अरुन्ध्वहि, अरुन्धाथां, अरुन्धातां; अरुन्ध्वहि, अरुन्धं, अरुन्धत. 2d Pret. रुरोध, रुरोधिथ, रुरोध; रुरुधिव, रुरुधयुस्, रुरुधतुस्; रुरुधिम, रुरुध, रुरुधुस्. Ātm. रुरुधे, रुरुधिषे, रुरुधे; रुरुधिवहे, रुरुधाथे, रुरुधाते; रुरुधिमहे, रुरुधिद्दे, रुरुधिरे. 1st Fut. रोद्धास्मि, &c. Ātm. रोद्धाहे, &c. 2d Fut. रोक्ष्यामि.

* रुन्धस् may be written for रुन्धस्. Similarly, रुन्ध for रुन्ध, रुन्धे for रुन्धे, &c. See 298. a.

Átm. रोत्ये. 3d Pret. अरुधं, -धस्, -धत्; -धाव, -धतं, -धतां; -धाम, -धत, -धन्. Or अरौत्सं, अरौत्सीम्, अरौत्सीत्; अरौत्स्व, अरौद्धं, अरौद्धां; अरौत्सम्, अरौद्ध, अरौत्सुम्. Átm. अरुन्ति, अरुद्धाम्, अरुद्ध; अरुन्स्वहि, अरुत्सायां, अरुत्सातां; अरुत्समहि, अरुद्धं, अरुत्सत. Bened. रुध्यामं, &c. Átm. रुन्तीय, &c. Cond. अरोत्सं, &c. Átm. अरोत्ये, &c. *Passive*, Pres. रुध्ये; 3d Pret. 3d sing. अरोधि. *Causal*, Pres. रोधयामि; 3d Pret. अरुद्ध. *Des.* रुरुत्सामि, -न्ते. *Freq.* रोरुध्ये, रोरुद्धि. *Participles*, Pres. रुन्धन्; Átm. रुन्धान; Past pass. रुद्ध; Past indecl. रुद्धा, -रुध्य; Fut. pass. रोद्धव्य, रोधनीय, रोध्य.

672. Root शिष्. Inf. श्रेष्ठुं 'to distinguish,' 'to separate,' 'to leave.' Parasmai. Pres. शिनमि, शिनधि, शिनष्टि; शिष्वस्, शिष्वस्, शिष्वस्; शिष्वन्, शिष्वन्ति. Pot. शिष्यां, &c. Imp. शिनयाणि, शिष्वि or शिष्वि (see 303, and compare 345), शिनष्टु; शिनयाव, शिष्वं, शिष्वं; शिनयाम, शिष्व, शिष्वन्तु. 1st Pret. अशिनयं, अशिनत् (292, 43. e), अशिनत्; अशिष्व, अशिष्वं, अशिष्वं; अशिष्व, अशिष्व, अशिष्वन्. 2d Pret. शिशेष, शिशेषिथ, शिशेष; शिशेषिथ, शिशेषिथुस्, शिशेषितुस्; शिशेषिम, शिशेष, शिशेषिथुस्. 1st Fut. शेष्यामि, &c. 2d Fut. शेष्यामि, &c. 3d Pret. अशिष्वं, -यस्, -यत्; -याव, -यतं, -यतां; -याम, -यत, -यन्. Bened. शिष्यामं, &c. Cond. अशेष्यं, &c. *Passive*, Pres. शिष्ये; 3d Pret. 3d sing. अशेषि. *Causal*, Pres. शेषयामि; 3d Pret. अशीशिष्यं. *Des.* शिशिष्यामि. *Freq.* शेषिष्ये, शेषिष्यि. *Participles*, Pres. शिष्यत्; Past pass. शिष्ट; Past indecl. शिष्टा, -शिष्य; Fut. pass. शेष्य, शेषणीय, शेष्य.

673. Root हिंस्. Inf. हिंसितुं 'to injure.' Parasmai. Pres. हिनस्मि, हिनस्मि, हिनस्मि; हिंस्वस्, हिंस्वस्, हिंस्वस्; हिंस्मस्, हिंस्व, हिंसन्ति. Pot. हिंस्यां, &c. Imp. हिनसानि, हिन्धि or हिन्धि (304), हिनस्तु; हिनयाव, हिंसं, हिंसं; हिनयाम, हिंस, हिंसन्तु. 1st Pret. अहिनयं, अहिनत् or अहिनत् (292, 304. a), अहिनत्; अहिंस्, अहिंसं, अहिंसं; अहिंस, अहिंस, अहिंसन्. 2d Pret. जिहिंस, जिहिंसिथ, जिहिंस; जिहिंसिथ, जिहिंसिथुस्, जिहिंसितुस्; जिहिंसिम, जिहिंस, जिहिंसुस्. 1st Fut. हिंसितामि, &c. 2d Fut. हिंसिष्यामि, &c. 3d Pret. अहिंसिष्यं, अहिंसीत्, अहिंसीत्; अहिंसिष्व, अहिंसिष्वं, अहिंसिष्वं; अहिंसिष्व, अहिंसिष्व, अहिंसिष्वन्. Bened. हिंस्यामं, &c. Cond. अहिंसिष्यं. *Passive*, Pres. हिंस्ये; 3d Pret. 3d sing. अहिंसि. *Causal*, Pres. हिंसयामि; 3d Pret. अजिहिंसं. *Des.* जिहिंसिष्यामि. *Freq.* जेहिंस्ये, जेहिंसि. *Participles*, Pres. हिंसत्; Past pass. हिंसित; Past indecl. हिंसित्वा, -हिंस्य; Fut. pass. हिंसितव्य, हिंसनीय, हिंस्य.

674. Root नृह्. Inf. नृहितुं or नृहुं 'to injure,' 'to kill.' Parasmai. Pres. नृषेधि, नृषेधि (306), नृषेधि (305); नृह्वस्, नृह्वस् (3+5), नृह्वस्; नृह्वन्, नृह्वन्ति. Pot. नृह्यां, &c. Imp. नृषहानि, नृषि (see 306. c), नृषेदु; नृषहाव,

तृण्डं, तृण्डां; तृणहाम, तृण्ड, तृहन्तु. 1st Pret. अतृणहं, अतृणोद् or अतृणोद् (292), अतृणोद् or अतृणोद्; अतृण्, अतृण्डं, अतृण्डां; अतृण्य, अतृण्ड, अतृहन्. 2d Pret. ततर्हं, ततर्हिय or ततर्हं, ततर्हं; ततृहिव, ततृहयुम्, ततृहतुम्; ततृहिम्, ततृह, ततृहुम्. 1st Fut. तर्हितास्मि or तर्ढास्मि, &c. 2d Fut. तर्हिष्यामि or तर्ष्यामि, &c. 3d Pret. अतर्हिषं, -हीम्, -हीत्; -र्हिष्व, -र्हिषं, -र्हिषां; -र्हिष्य, -र्हिष्य, -र्हिष्युम्. Or अतृष्णं, -क्षम्, -क्षत्; -क्षाय, -क्षत्, -क्षतां; -क्षाम, -क्षत्, -क्षन्. Bened. तृष्णाम्, &c. Cond. अतर्हिष्यं or अतर्ष्यं, &c. *Passive*, Pres. तृष्ये; 3d Pret. 3d sing. अतर्हि. *Causal*, Pres. तर्हयामि; 3d Pret. अतर्हं or अतीतृहं. *Des.* तितर्हिषामि or तितृष्णामि. *Freq.* तरीतृष्ये, तरीतर्षि (3d sing. तरीतर्दि). *Participles*, Pres. तृहत्; Past pass. तृह; Past indecl. तर्हित्वा or तृद्वा, -तृष्य; Fut. pass. तर्हितव्य or तर्ढव्य, तर्हणीय, तृष्य.

EXAMPLES OF PRIMITIVE VERBS OF THE FIFTH CONJUGATION, EXPLAINED AT 349.

675. Root वृ *vṛi*. Infin. वरितुं *varitum* or वरीतुं *varitum*, 'to cover,' 'to enclose,' 'to choose *.'

Note, that the conjugational नु *nu* becomes णु *ṇu* after वृ *vṛi* by 58.

PARASMAI-PADA. *Present tense*, 'I cover,' &c.

वृणोमि <i>vṛiṇomi</i>	वृणुवस् <i>vṛiṇuvas</i> †	वृणुमस् <i>vṛiṇumas</i> ‡
वृणोषि <i>vṛiṇoshi</i>	वृणुथस् <i>vṛiṇuthas</i>	वृणुथ <i>vṛiṇutha</i>
वृणोति <i>vṛiṇoti</i>	वृणुतस् <i>vṛiṇutas</i>	वृणवन्ति <i>vṛiṇvanti</i>

Potential, 'I may cover,' &c.

वृणुयां <i>vṛiṇuyāṃ</i>	वृणुयाव <i>vṛiṇuyāva</i>	वृणुयाम <i>vṛiṇuyāma</i>
वृणुयाम् <i>vṛiṇuyāṃs</i>	वृणुयातं <i>vṛiṇuyātam</i>	वृणुयात <i>vṛiṇuyāta</i>
वृणुयात् <i>vṛiṇuyāt</i>	वृणुयातां <i>vṛiṇuyātām</i>	वृणुयुस् <i>vṛiṇuyus</i>

Imperative, 'Let me cover,' &c.

वृणवानि <i>vṛiṇavāni</i>	वृणवाव <i>vṛiṇavāva</i>	वृणवाम <i>vṛiṇavāma</i>
वृणु <i>vṛiṇu</i>	वृणुतं <i>vṛiṇutam</i>	वृणुत <i>vṛiṇuta</i>
वृणोतु <i>vṛiṇotu</i>	वृणुतां <i>vṛiṇutām</i>	वृणवन्तु <i>vṛiṇvantu</i>

First preterite, 'I was covering,' &c.

अवृणवं <i>avṛiṇavam</i>	अवृणुव <i>avṛiṇuva</i> §	अवृणुम <i>avṛiṇuma</i>
अवृणोस् <i>avṛiṇos</i>	अवृणुतं <i>avṛiṇutam</i>	अवृणुत <i>avṛiṇuta</i>
अवृणोत् <i>avṛiṇot</i>	अवृणुतां <i>avṛiṇutām</i>	अवृणवन् <i>avṛiṇvan</i>

* In the sense of 'to choose,' this root generally follows the 9th conjugation; thus, Pres. वृणामि, वृणामि, वृणाति; वृणीवस्, &c. See 686.

† Or वृणवस् *vṛiṇvas*.

‡ Or वृणमस् *vṛiṇmas*.

§ Or अवृणव *avṛiṇva*.

|| Or अवृणम *avṛiṇma*.

2d Pret. (368) ववार, ववरिष्य, ववार; ववृव or ववरिव, वव्रधुस्, वव्रतुस्; ववृम or ववरिम, वव्र, वव्रुस् or ववरुस् (367. c). 1st Fut. (399) वरितास्मि or वरीतास्मि. 2d Fut. (399) वरिष्यामि or वरीष्यामि. 3d Pret. अवारिषं, अवारीस्, अवारीत्; अवारिष्व, अवारिष्टं, अवारिष्टां; अवारिष्म, अवारिष्ट, अवारिषुस्. Bened. त्रियासं or वृषासं, &c. (448. a). Cond. अवरिष्यं or अवरीष्यं, &c.

ĀTMANE-PADA. *Present tense*, 'I cover,' &c.

वृष्वे <i>vṛiṣve</i>	वृषुवहे <i>vṛiṣuwahe</i> *	वृषुमहे <i>vṛiṣumahe</i> †
वृषुषे <i>vṛiṣuṣe</i>	वृषुवाथे <i>vṛiṣuṁwáthe</i>	वृषुध्वे <i>vṛiṣudhwe</i>
वृषुते <i>vṛiṣute</i>	वृषुवाते <i>vṛiṣuṁwáte</i>	वृषुवते <i>vṛiṣuwate</i>

Potential, 'I may cover,' &c.

वृषुवीय <i>vṛiṣuṁwíya</i>	वृषुवीवहि <i>vṛiṣuṁwíwahi</i>	वृषुवीमहि <i>vṛiṣuṁwímahi</i>
वृषुवीयास् <i>vṛiṣuṁwíthás</i>	वृषुवीयाथां <i>vṛiṣuṁwíyáthám</i>	वृषुवीध्वं <i>vṛiṣuṁwídhwam</i>
वृषुवीत <i>vṛiṣuṁwíta</i>	वृषुवीयातां <i>vṛiṣuṁwíyátám</i>	वृषुवीरन् <i>vṛiṣuṁwíran</i>

Imperative, 'Let me cover,' &c.

वृषुवै <i>vṛiṣuvai</i>	वृषुवावहे <i>vṛiṣuvávahai</i>	वृषुवामहे <i>vṛiṣuvámahai</i>
वृषुष्व <i>vṛiṣuṣwá</i>	वृषुवाथां <i>vṛiṣuṁwáthám</i>	वृषुध्वं <i>vṛiṣudhwam</i>
वृषुतां <i>vṛiṣuṁtám</i>	वृषुवातां <i>vṛiṣuṁwátám</i>	वृषुवतां <i>vṛiṣuṁwátám</i>

First preterite.

अवृषिष <i>avṛiṣiṣi</i>	अवृषुवहि <i>avṛiṣuvahi</i> ‡	अवृषुमहि <i>avṛiṣumahi</i> §
अवृषुषास् <i>avṛiṣuṣhás</i>	अवृषुवाथां <i>avṛiṣuṁwáthám</i>	अवृषुध्वं <i>avṛiṣudhwam</i>
अवृषुत <i>avṛiṣuta</i>	अवृषुवातां <i>avṛiṣuṁwátám</i>	अवृषुवत <i>avṛiṣuwata</i>

2d Pret. वव्रे (34) or ववरे (367. c), ववृषे, वव्रे or ववरे; ववृवहे, वव्राषे, वव्राते; ववृमहे, ववृद्धे, वव्रिरे. 1st Fut. वरिताहे or वरीताहे, &c. 2d Fut. वरिष्ये or वरीष्ये, &c. 3d Pret. अवरिषि, अवरिष्यास्, अवरिष्ट; अवरिष्वहि, अवरिष्याथां, अवरिष्यातां; अवरिष्वहि, अवरिष्वं or -रिद्धं, अवरिषत. Or अवरीषि, अवरीष्यास्, &c. Or अवृषि, अवृष्यास्, अवृषत; अवृष्वहि, अवृष्याथां, अवृष्यातां; अवृष्वहि, अवृद्धं, अवृषत. Or अवृषि, अवृष्यास्, अवृषत; अवृष्वहि, अवृष्याथां, अवृष्यातां; अवृष्वहि, अवृष्वं, अवृषत. Bened. वरिषीय or वृषीय or वृषीय (448. a). Cond. अवरिष्ये or अवरीष्ये. *Passive*, त्रिये; 3d Pret. 3d sing. अवारि. *Causal*, Pres. वरयामि or -ये, or वारयामि or -ये; 3d Pret. अववीवरं. *Des*. विवरिषामि or -ये, त्रिवरीषामि or -ये, वृषीषामि or -ये (502). *Freq*. वेद्रीये (511) or वोवृष्यं, ववृषि. *Participles*, Pres. वृषवत्; Ātm. वृषवान्; Past pass. वृषत्; Past indecl. वृषत्वा, -वृषत्; Fut. pass. वरितव्य or वरीतव्य, वरणीय, वार्य.

* Or वृषवहे *vṛiṣuwahe*.

† Or वृषमहे *vṛiṣumahe*.

‡ Or अवृषवहि *avṛiṣuvahi*.

§ Or अवृषमहि *avṛiṣumahi*.

EXAMPLES OF OTHER VERBS OF THE FIFTH CONJUGATION
IN THE ORDER OF THEIR FINAL LETTERS.

676. Root श्रु*. Inf. श्रोतुं 'to hear.' Parasmai. Pres. शृणोमि, शृणोषि, शृणोति; शृणुवस् or शृणवस्, शृणुयस्, शृणुतस्; शृणुमस् or शृणमस्, शृणुय, शृणवन्ति. Pot. शृणुयां, &c. Imp. शृणुवानि, शृणु, शृणोतु; शृणवाव, शृणुतं, शृणुतां; शृणवाम, शृणुत, शृणवन्तु. 1st Pret. अशृणवं, अशृणोस्, अशृणोत्; अशृणुव or अशृणव, अशृणुतं, अशृणुतां; अशृणुम or अशृणम, अशृणुत, अशृणवन्. 2d Pret. (368) शृश्राव, शृश्राय, शृश्राव; शृश्रुव, शृश्रुवयुस्, शृश्रुवतुस्; शृश्रुम, शृश्रुव, शृश्रुवुस्. 1st Fut. श्रोतास्मि, &c. 2d Fut. श्रोष्यामि, &c. 3d Pret. अश्रोषं, अश्रोषीस्, अश्रोषीत्; अश्रोष्व, अश्रोष्टं, -ष्टां; अश्रोष्म, अश्रोष्ट, अश्रोषुस्. Bened. श्रूयासं, &c. Cond. अश्रोष्यं, &c. Passive, Pres. श्रूये; 3d Pret. 3d sing. अश्रावि. Causal, Pres. श्रावयामि; 3d Pret. अशिश्रवं or अशुश्रवं. Des. शृश्रूये. Freq. शोश्रूये, शोश्रोमि or शोश्रवीमि. Participles, Pres. शृणवत्; Past pass. श्रुत; Past indecl. श्रुत्वा, -श्रुत्; Fut. pass. श्रोतव्य, श्रवणीय, श्राव्य.

677. Root धृ†. Inf. धवितुं or धोतुं 'to shake,' 'to agitate.' Parasmai and Ātmane. Pres. धूनोमि, धूनोषि, धूनोति; धूनवस् or धूनवस्, धूनयस्, धूनतस्; धूनमस् or धूनमस्, धूनय, धूनवन्ति. Ātm. धून्वे, धूनुषे, धूनुते; धूनवहे or धूनवहे, धूनवाये, धूनवाते; धूनमहे or धूनमहे, धूनुध्वे, धूनवते. Pot. धूनुयां, &c. Ātm. धूनवीय, &c. Imp. धूनवानि, धूनु, धूनोतु; धूनवाव, धूनुतं, धूनुतां; धूनवाम, धूनुत, धूनवन्तु. Ātm. धूनवै, धूनुष्व, धूनुतां; धूनवावहै, धूनवायां, धूनवातां; धूनवामहै, धूनुध्वं, धूनवतां. 1st Pret. अधूनवं, अधूनोस्, अधूनोत्; अधूनुव or अधूनव, अधूनुतं, अधूनुतां; अधूनुम or अधूनम, अधूनुत, अधूनवन्. Ātm. अधून्वि, अधूनुथाम्, अधूनुत; अधूनुवहि or अधूनवहि, अधूनवायां, अधूनवातां; अधूनुमहि, अधूनुध्वं, अधूनवत. 2d Pret. (367. b) दुधाव, दुधविय or दुधोय, दुधाव; दुधुविव, दुधुवयुस्, दुधुवतुस्; दुधुविम, दुधुव, दुधुवुस्. Ātm. दुधुवे, दुधुविषे, दुधुवे; दुधुविवहे, दुधुवाये, दुधुवाते; दुधुविमहे, दुधुविध्वे or -द्वे, दुधुविरे. 1st Fut. धवितास्मि or धोतास्मि, &c. Ātm. धविताहे or धोताहे, &c. 2d Fut. धविष्यामि or धोष्यामि. Ātm. धविष्ये or धोष्ये. 3d Pret. † अधाविषं, अधावीस्, अधावीत्; अधाविष्व, अधाविष्टं, अधाविष्टां; अधाविष्म, अधाविष्ट, अधाविषुस्. Or अधौषं, -पीस्, -पीत्; अधौष्व, अधौष्टं, -ष्टां; अधौष्म, अधौष्ट, अधौषुस्. Ātm. अधविषि, अधविषाम्, अधविष्ट; अधविष्वहि, अधविषायां, -पातां; अधविष्महि,

* This root, although manifestly following the 5th conjugation, is placed by Indian grammarians under the 1st class.

† This root may also be conjugated in the 9th conjugation; thus, Pres. धुनामि, धुनासि, धुनाति; धुनीवस्, &c.; see 686: and in the 6th (धुवामि 280). In the latter case the 3d Pret. is अधुविषं, &c.; see 432.

अधविध्वं (-द्धं), अधविषत. Or अधोषि, अधोष्णस्, अधोष्ट; अधोष्वहि, अधोषायां, -पातां; अधोष्वहि, अधोष्वं (-द्धं), अधोषत. Bened. धूयासं. Átm. धविषीय or धोषीय, &c. Cond. अधविष्यं or अधोष्यं, &c. Átm. अधविष्ये &c. or अधोष्ये &c. *Passive*, Pres. धूये, &c.; 3d Pret. 3d sing. अधावि. *Causal*, Pres. धूनयामि or धावयामि; 3d Pret. अद्दधुनं or अद्दधवं. *Des.* दुधूपामि, -ये. *Freq.* दोधूये, दोधोमि or दोधवीमि. *Participles*, Pres. धून्वत्; Átm. धून्वान; Past pass. धृत or धून; Past indecl. धूत्वा, -धूय; Fut. pass. धवितव्य or धोतव्य, धवनीय, धाय or धव्य.

a. After धू may be conjugated the root सु 'to press out the juice of the Asclepias plant,' which in native grammars is the model of the 5th conjugation; thus, Pres. सुनोमि, सुनोषि, &c. The two futures reject *i*; thus, 1st Fut. सोतास्मि, &c.

678. Root स्तृ or स्तृ*. Inf. स्तरितुं or स्तरीतुं or स्तृत्तुं 'to spread,' 'to cover.' Parasmai and Átmane. Pres. स्तृणोमि, &c.; see वृ at 675. Átm. स्तृण्वे, स्तृणुषे, &c. Pot. स्तृणुयां, स्तृणुयास्, &c. Átm. स्तृण्वीय, &c. Imp. स्तृण्वानि, &c. Átm. स्तृण्वै, &c. 1st Pret. अस्तृणवं, &c. Átm. अस्तृणिव, &c.; see 675. 2d Pret. (331. c) तस्तार, तस्तार्ये, तस्तार; तस्तरिव, तस्तरयुस्, तस्तरतुस्; तस्तरिम, तस्तर, तस्तरुस्. Átm. तस्तरे, तस्तरिषे, तस्तरे; तस्तरिवहे, तस्तराषे, तस्तराते; तस्तरिमहे, तस्तरिध्वे or -द्धे, तस्तरिरे. 1st Fut. स्तरितास्मि or स्तरीतास्मि or स्तृत्तास्मि, &c. Átm. स्तरिताहे or स्तरीताहे or स्तृत्ताहे, &c. 2d Fut. स्तरिष्यामि or स्तरीष्यामि. Átm. स्तरिष्ये or स्तरीष्ये, &c. 3d Pret. अस्तारिषं, -रीस्, -रीत्; अस्तारिष्व, &c.; see 675. Or अस्तार्षं, -धीस्, -धीत्; अस्तार्ष्ये, -ष्टं, -ष्टी; अस्तार्ष्ये, -ष्टं, -धुस्. Átm. अस्तरिषि &c. or अस्तरीषि &c. or अस्तृषि &c. or अस्तीषि &c.; see 3d Pret. of वृ at 675. Bened. स्तार्यसं &c. or स्तीर्यसं &c. Átm. स्तृषीय or स्तरिषीय or स्तीषीय, &c. Cond. अस्तरिष्यं or अस्तरीष्यं, &c. Átm. अस्तरिष्ये or अस्तरीष्ये, &c. *Passive*, Pres. (467) स्तयें; 3d Pret. 3d sing. अस्तारि. *Causal*, Pres. स्तारयामि; 3d Pret. अतिस्तरं or अतस्तरं. *Des.* तिस्तरिष्यामि or -ये, or तिस्तरीष्यामि or -ये, or तिस्तीष्यामि or -ये. *Freq.* तास्तयें or तेस्तीर्ये, तास्तर्मि or तरीस्तर्मि. *Participles*, Pres. स्तृण्वत्; Átm. स्तृण्वान; Past pass. स्तृत or स्तीर्ण (534); Past indecl. स्तृत्वा, -स्तीर्ये, -स्तृत्य; Fut. pass. स्तरितव्य or स्तरीतव्य or स्तृत्तव्य, स्तरणीय, स्तार्य.

679. Root शक् †. Inf. शक्नुं 'to be able.' Parasmai. Pres. शक्नोमि,

* This root may also be conjugated in the 9th conjugation; thus, Pres. स्तृणामि, स्तृणामि, स्तृणाति; स्तृणीवस्, &c. See 686.

† शक् is also conjugated in the 4th conjugation, Parasmai and Átmane (Pres. शक्यामि &c., शक्ये); but it may then be regarded as a passive verb. See 253. b.

शक्नोषि, शक्नोति; शक्नुवस्, शक्नुयस्, शक्नुतस्; शक्नुमस्, शक्नुय, शक्नुवन्ति. Pot. शक्नुयां, &c. Imp. शक्नुवानि, शक्नुहि (291), शक्नोतु; शक्नुवाव, शक्नुतं, शक्नुतां; शक्नुवाम, शक्नुत, शक्नुवन्तु. 1st Pret. अशक्नवं, अशक्नोस्, अशक्नोत्; अशक्नुव, अशक्नुतं, अशक्नुतां; अशक्नुम, अशक्नुत, अशक्नुवन्. 2d Pret. शशाक, शेकिथ or शशकथ, शशाक; शेकिव, शेकथुस्, शेकतुस्; शेकिम, शेक, शेकुस्. 1st Fut. शक्तास्मि, &c. 2d Fut. शक्ष्यामि, &c. 3d Pret. अशकं, -कस्, -कत्; -काव, -कतं, -कतां; -काम, -कत, -कन्. Or अशकिपं, -कीस्, -कीत्; अशकिध्व, -किष्टं, -ष्टं; अशकिष्म, -किष्ट, -किपुस्. Bened. शक्वामं, &c. Cond. अशक्ष्यं, &c. *Passive*, Pres. शक्ये; 3d Pret. 3d sing. अशाकि. *Causal*, Pres. शाक्यामि; 3d Pret. अशीशकं. *Des.* शिशकियामि or शिद्यामि or -क्षे* (503). *Freq.* शाशक्ये, शाशक्यि or शाशकीमि. *Participles*, Pres. शक्नुवत्; *Atm.* शक्नुवान; Past pass. शक्त; Past indecl. शक्ता, -शक्य; Fut. pass. शक्य, शकनीय, शक्य.

680. Root च्छ्. Inf. अर्धितुं 'to prosper,' 'to flourish,' 'to increase.' Parasmai. Pres. च्छामि, च्छामिषि, च्छामोति; च्छुवस्, च्छुयस्, च्छुतस्; च्छुमस्, च्छुय, च्छुवन्ति. Pot. च्छुयां, &c. Imp. च्छुवानि, च्छुहि, च्छुतु; च्छुवाव, च्छुतं, -तां; च्छुवाम, च्छुत, च्छुवन्तु. 1st Pret. (260. a) आर्ध्वं, आर्धोस्, आर्धोत्; आर्धुव, आर्धुतं, आर्धुतां; आर्धुम, आर्धुत, आर्धुवन्. 2d Pret. आनर्ध, आनर्धिथ, आनर्धे; आनर्धिथ, आनर्धथुस्, आनर्धतुस्; आनर्धिम, आनर्ध, आनर्धुस्. 1st Fut. अर्धितास्मि, &c. 2d Fut. अर्धिष्यामि, &c. 3d Pret. अर्धिषं, अर्धीस्, अर्धीत्; अर्धिष्व, अर्धिष्टं, -ष्टं; अर्धिष्म, अर्धिष्ट, अर्धिषुस्. Or अर्धं, -र्धस्, -र्धत्; -र्धाव, &c. Bened. च्छ्यामं, &c. Cond. अर्धिष्यं, &c. *Passive*, Pres. च्छ्ये; 3d Pret. 3d sing. अर्धि. *Causal*, अर्धयामि; 3d Pret. अर्दिधं. *Des.* अर्दिधियामि or ईर्त्सामि (503). *Participles*, Pres. च्छुवत्; Past pass. च्छद्; Past indecl. अर्धित्वा or च्छद्वा, -च्छ्य; Fut. pass. अर्धितव्य, अर्धनीय, च्छ्य.

681. Root आप्. Inf. आप्तुं 'to obtain.' Parasmai. Pres. आप्मि, आप्मिषि, आप्मोति; आप्मवस्, आप्मयस्, आप्मतस्; आप्ममस्, आप्मय, आप्मवन्ति. Pot. आप्मयां, &c. Imp. आप्मवानि, आप्महि, आप्मतु; आप्मवाव, आप्मतं, -तां; आप्मवाम, आप्मत, आप्मवन्तु. 1st Pret. आप्मवं, आप्मोस्, आप्मोत्; आप्मव, आप्मतं, -तां; आप्मम, आप्मत, आप्मवन्. 2d Pret. आप, आपिथ, आप; आपिव, आप्युस्, आप्यतुस्; आपिम, आप, आपुस्. 1st Fut. आप्मास्मि, &c. 2d Fut. आप्स्यामि, &c. 3d Pret. आपं, आपस्, आपत्; आपाव, आपतं, -तां; आपाम, आपत, आपन्. Bened. आप्यामं, &c. Cond. आप्य्यं, &c. *Passive*, Pres. आप्ये; 3d Pret. 3d sing. आपि. *Causal*, Pres. आपयामि; 3d Pret.

* This form of the *Des.* generally means 'to learn,' and is said by some to come from a root शिद्य्.

आपिपं. *Des.* (503) ईप्सामि. *Participles*, Pres. आप्नुवत्; Past pass. आप्न; Past indecl. आप्ना, -आप्य; Fut. pass. आप्नव्य, आपनीय, आप्य.

a. Root अश्. Inf. अशितुं or अष्टुं 'to obtain,' 'to enjoy,' 'to pervade.' *Ātmane*. Pres. अश्रुवे, अश्रुपे, अश्रुते; अश्रुवहे, अश्रुवापे, अश्रुवाते; अश्रुमहे, अश्रुध्वे, अश्रुवते. Pot. अश्रुवीय, अश्रुवीयास्, &c. Imp. अश्रुवै, अश्रुष्व, अश्रुतां; अश्रुवावहै, अश्रुवापां, अश्रुवातां; अश्रुवामहै, अश्रुध्वं, अश्रुवतां. 1st Pret. आश्रुवि, आश्रुयास्, आश्रुत; आश्रुवहि, आश्रुवापां, आश्रुवातां; आश्रुमहि, आश्रुध्वं, आश्रुवत. 2d Pret. (371. a) आनशे, आनशिपे or आनक्षे*, आनशे; आनशिवहे, आनशापे, आनशाते; आनशिमहे, आनशिध्वे or आनइद्हे*, आनशिरे. 1st Fut. अशिताहे or अष्टाहे. 2d Fut. अशिष्ये or अश्र्ये. 3d Pret. आक्षि, आष्टास्, आष्ट; आक्ष्वहि, आक्षापां, आक्षातां; आक्ष्वहि, आश्र्यं, आक्षत. Or आशिपि, आशिषास्, आशिष्ट; आशिष्वहि, आशिषापां, आशिषातां; आशिष्वहि, आशिष्यं, आशिषत. *Bened.* अशिषीय or अक्षीय. *Cond.* आशिष्ये or आश्र्ये. *Passive*, Pres. अश्ये; 3d Pret. 3d sing. अशि. *Causal*, Pres. आशयामि; 3d Pret. आशिषं. *Des.* अशिषिषे. *Freq.* अशाश्ये (508. a). *Participles*, Pres. अश्रुवान; Past pass. अशित or अष्ट; Past indecl. अशित्वा or अष्टा, -अश्य; Fut. pass. अशितव्य or अष्टव्य, अशनीय, आश्य.

EXAMPLES OF PRIMITIVE VERBS OF THE EIGHTH CONJUGATION, EXPLAINED AT 353.

682. Root कृ *kṛi*. Infin. कर्तुं *karttum* or कर्तुं *kartum*, 'to do' (355).

PARASMAI-PADA. *Present tense*, 'I do.'

करोमि <i>karomi</i>	कुर्वस् † <i>kurvas</i>	कुर्मस् † <i>kurmas</i>
करोषि <i>karoshi</i>	कुरुथस् <i>kuruthas</i>	कुरुथ <i>kurutha</i>
करोति <i>karoti</i>	कुरुतस् <i>kurutas</i>	कुर्वन्ति † <i>kurvanti</i>

Potential, 'I may do,' &c.

कुर्यां † <i>kuryān</i>	कुर्याव <i>kuryāva</i>	कुर्याम <i>kuryāma</i>
कुर्यास् <i>kuryās</i>	कुर्यातं <i>kuryātam</i>	कुर्यात <i>kuryāta</i>
कुर्यात् <i>kuryāt</i>	कुर्यातां <i>kuryātām</i>	कुर्याम् <i>kuryam</i>

Imperative, 'Let me do,' &c.

करवाणि <i>karavāṇi</i>	करवाव <i>karavāva</i>	करवाम <i>karavāma</i>
कुरु <i>kurū</i>	कुरुतं <i>kurutam</i>	कुरुत <i>kuruta</i>
करोतु <i>karotu</i>	कुरुतां <i>kurutām</i>	कुर्वन्तु † <i>kurvāntu</i>

* So Westergaard under this root.

† कुर्वस्, कुर्मस्, कुर्यां, &c., would be equally correct; see 73.

First preterite, 'I was doing,' &c.

अकरवम् <i>akaravam</i>	अकुर्व्वे <i>akurva</i> (73)	अकुर्मम् <i>akurma</i> (73)
अकरोस् <i>akaras</i>	अकुरुतम् <i>akurutam</i>	अकुरुत <i>akuruta</i>
अकरोत् <i>akarot</i>	अकुरुताम् <i>akurutám</i>	अकुर्व्वन् <i>akurvan</i>

Second preterite, 'I did,' &c.

चकार <i>chakára</i>	चकृव <i>chakṛiva</i>	चकृम <i>chakṛima</i>
चकर्थ <i>chakartha</i>	चक्रथुस् <i>chakrathus</i>	चक्र <i>chakra</i>
चकार <i>chakára</i>	चक्रतुस् <i>chakratus</i>	चक्रुस् <i>chakrus</i>

First future, 'I will do,' &c.

कर्त्तामि <i>karttásmi</i>	कर्त्तास्वम् <i>karttásvas</i>	कर्त्तास्मस् <i>karttásmas</i>
कर्त्तामि <i>karttási</i>	कर्त्तास्यस् <i>karttásthas</i>	कर्त्तास्य <i>karttástha</i>
कर्त्ता <i>karttá</i>	कर्त्तारौ <i>karttárau</i>	कर्त्तारस् <i>karttáras</i>

Second future, 'I shall do,' &c.

करिष्यामि <i>karishyámi</i>	करिष्यावस् <i>karishyávas</i>	करिष्यामस् <i>karishyámas</i>
करिष्यसि <i>karishyasi</i>	करिष्यथस् <i>karishyathas</i>	करिष्यथ <i>karishyatha</i>
करिष्यति <i>karishyati</i>	करिष्यतस् <i>karishyatas</i>	करिष्यन्ति <i>karishyanti</i>

Third preterite, 'I did,' &c.

अकार्षम् <i>akársham</i>	अकार्ष्व <i>akárshwa</i>	अकार्ष्म <i>akárshma</i>
अकार्षीम् <i>akárshám</i>	अकार्ष्ण <i>akárshṇam</i>	अकार्ष्ण <i>akárshṇa</i>
अकार्षीत् <i>akárshít</i>	अकार्ष्ण <i>akárshṇám</i>	अकार्ष्णुस् <i>akárshus</i>

Benedictive, 'May I do,' &c.

क्रियामस् <i>kriyásm</i>	क्रियास्व <i>kriyásva</i>	क्रियास्म <i>kriyásma</i>
क्रियास् <i>kriyás</i>	क्रियास्तं <i>kriyástam</i>	क्रियास्त <i>kriyásta</i>
क्रियात् <i>kriyát</i>	क्रियास्तां <i>kriyástám</i>	क्रियासुस् <i>kriyásus</i>

Conditional, 'I should do,' &c.

अकरिष्यम् <i>akarishyam</i>	अकरिष्याव <i>akarishyáva</i>	अकरिष्याम <i>akarishyáma</i>
अकरिष्यस् <i>akarishyas</i>	अकरिष्यतं <i>akarishyatam</i>	अकरिष्यत <i>akarishyata</i>
अकरिष्यत् <i>akarishyat</i>	अकरिष्यतां <i>akarishyatám</i>	अकरिष्यन् <i>akarishyan</i>

683. *ÁTMANE-PADA. Present tense, 'I do,' &c.*

कुर्व्वे <i>kurve</i> (73)	कुर्व्वहे <i>kurvahe</i>	कुर्महे <i>kurmahe</i>
कुरुपे <i>kurushe</i>	कुर्व्वथे <i>kurváthe</i>	कुरुध्वे <i>kurudhwe</i>
कुरुते <i>kurute</i>	कुर्व्वते <i>kurváte</i>	कुर्व्वते <i>kurvate</i>

Potential, 'I may do,' &c.

कुर्व्वीय <i>kurvía</i>	कुर्व्वीवहि <i>kurvívahi</i>	कुर्व्वीमहि <i>kurvímahi</i>
कुर्व्वीयास् <i>kurvítás</i>	कुर्व्वीयाथां <i>kurvívátám</i>	कुर्व्वीध्वं <i>kurvídhwam</i>
कुर्व्वीत <i>kurvíta</i>	कुर्व्वीयातां <i>kurvívátám</i>	कुर्व्वीरन् <i>kurvírán</i>

Imperative, 'Let me do,' &c.

करवे <i>karavai</i>	करवावहे <i>karavāvahai</i>	करवामहे <i>karavāmahai</i>
कुरुष्व <i>kurushva</i>	कुर्व्वाथां <i>kurvāthām</i>	कुरुध्वं <i>kurudhwam</i>
कुरुतां <i>kurutām</i>	कुर्व्वातां <i>kurvātām</i>	कुर्वतां <i>kurvatām</i>

First preterite, 'I was doing,' &c.

अकुर्वि <i>akurvi</i> (73)	अकुर्व्विहि <i>akurvāhi</i>	अकुर्महि <i>akurmahi</i>
अकुरुयाम् <i>akuruthās</i>	अकुर्व्वाथां <i>akurvāthām</i>	अकुरुध्वं <i>akurudhwam</i>
अकुरुत <i>akuruta</i>	अकुर्व्वातां <i>akurvātām</i>	अकुर्वत <i>akurvata</i>

Second preterite, 'I did,' &c.

चक्रे <i>chakre</i>	चकृवहे <i>chakrivāhe</i>	चकृमहे <i>chakrimāhe</i>
चकृषे <i>chakṛiṣhe</i>	चक्रापे <i>chakrāthe</i>	चकृध्वे <i>chakṛidhwe</i> or -द्धे <i>-dḥwe</i>
चक्रे <i>chakre</i>	चक्राते <i>chakrāte</i>	चक्रिरे <i>chakrire</i>

First future, 'I will do,' &c.

कर्त्ताहे <i>karttāhe</i>	कर्त्तास्वहे <i>karttāsvāhe</i>	कर्त्तास्महे <i>karttāsmāhe</i>
कर्त्तामे <i>karttāme</i>	कर्त्तामाथे <i>karttāsthāthe</i>	कर्त्ताध्वे <i>karttādḥwe</i>
कर्त्ता <i>karttā</i>	कर्त्तारौ <i>karttārau</i>	कर्त्तारम् <i>karttāras</i>

Second future, 'I shall do,' &c.

करिष्ये <i>karishye</i>	करिष्यावहे <i>karishyāvāhe</i>	करिष्यामहे <i>karishyāmāhe</i>
करिष्यसे <i>karishyase</i>	करिष्येथे <i>karishyethe</i>	करिष्यध्वे <i>karishyadhwe</i>
करिष्यते <i>karishyate</i>	करिष्येते <i>karishyete</i>	करिष्यन्ते <i>karishyante</i>

Third preterite, 'I did,' &c.

अकृषि <i>akṛiṣhi</i>	अकृष्वहि <i>akṛiṣvāhi</i>	अकृष्महि <i>akṛiṣmahī</i>
अकृष्याम् <i>akṛiṣthās</i>	अकृष्याथां <i>akṛiṣthāthām</i>	अकृष्वं <i>akṛiṣdhvam</i> or -द्ध्वं <i>-dḥvam</i>
अकृत <i>akṛita</i>	अकृष्यातां <i>akṛiṣthātām</i>	अकृषत <i>akṛiṣhata</i>

Benedictive, 'May I do,' &c.

कृषीय <i>kṛiṣīya</i>	कृषीवहि <i>kṛiṣīvāhi</i>	कृषीमहि <i>kṛiṣīmāhi</i>
कृषीष्टाम् <i>kṛiṣīṣthās</i>	कृषीयास्थां <i>kṛiṣīyāsthām</i>	कृषीध्वं <i>kṛiṣīdhvam</i>
कृषीष्ट <i>kṛiṣīṣṭa</i>	कृषीयास्तां <i>kṛiṣīyāsthām</i>	कृषीरन् <i>kṛiṣīran</i>

Conditional, 'I should do,' &c.

अकरिष्ये <i>akarishye</i>	अकरिष्यावहि <i>akarishyāvāhi</i>	अकरिष्यामहि <i>akarishyāmāhi</i>
अकरिष्यथाम् <i>akarishyathās</i>	अकरिष्येथां <i>akarishyethām</i>	अकरिष्यध्वं <i>akarishyadhvam</i>
अकरिष्यत <i>akarishyata</i>	अकरिष्येतां <i>akarishyethām</i>	अकरिष्यन्त <i>akarishyanta</i>

Passive, Pres. क्रिये; 3d Pret. 3d sing. अकारि, see 701. Causal, Pres. कारयामि; 3d Pret. अचीकरं. Des. चिकीर्षामि, -ये (502). Freq. चेक्रीये, चर्कर्मि or चरिकर्मि or चरीकर्मि or चर्करीमि or चरिकरीमि or चरीकरीमि.

Participles, Pres. कुर्वत्; Átm. कुर्वण; Past pass. कृत; Past indecl. कृत्वा, -कृत्य; Fut. pass. कर्त्तव्य, करणीय, कार्य्य.

684. There are only nine other roots in this class. Of these the commonest is तन् 'to stretch,' conjugated in the table at 583. The others are, च्चृण् 'to go,' द्दण् 'to kill' or 'to hurt,' द्द्विण् 'to kill' or 'to hurt,' घृण् 'to shine,' तृण् 'to eat grass,' मन् 'to imagine,' Átm.; वन् 'to ask,' सन् 'to give.' As these all end in nasals, their conjugation will resemble that of verbs of the 5th class at 675; thus—

685. Root द्दण्. Inf. द्दणितुं 'to kill,' 'to hurt.' Parasmai and Átmāne. Pres. द्दणोमि, द्दणोषि, द्दणोति; द्दणुवस्, &c. Átm. द्दणवे, द्दणुषे, &c. Pot. द्दणुयां, &c. Átm. द्दणवीय, &c. Imp. द्दणवानि, &c. Átm. द्दणवै, &c. 1st Pret. अद्दणवं, अद्दणोस्, &c. Átm. अद्दणिव, &c. 2d Pret. चद्दण, चद्दणिय, चद्दण; चद्दणिव, चद्दणयुस्, चद्दणतुस्; चद्दणिम, चद्दण, चद्दणुस्. Átm. चद्दणे, चद्दणिये, चद्दणे; चद्दणिवहे, चद्दणाये, चद्दणायते; चद्दणिमहे, चद्दणिव्धे, चद्दणिवरे. 1st Fut. द्दणितास्मि, &c. Átm. द्दणिताहे, &c. 2d Fut. द्दणिष्यामि, &c. Átm. द्दणिष्ये, &c. 3d Pret. अद्दणिषं, -णीम्, -णीत्; अद्दणिष्व, -णिष्टं, -ष्टां; अद्दणिष्म, -णिष्ट, -णिषुस्. Átm. अद्दणिषि, अद्दणिष्ठास् or अद्दण्यास् (426. b), अद्दणिष्ट or अद्दत (426. b); अद्दणिष्वहि, -णिषायां, -णिषातां; अद्दणिष्महि, -णिव्धं, -णिवत्. Bened. द्दण्यासं. Átm. द्दणिषीय. Cond. अद्दणिष्यं. Átm. अद्दणिष्ये. *Passive*, Pres. द्दण्ये; 3d Pret. 3d sing. अद्दणि. *Causal*, Pres. द्दणयामि; 3d Pret. अचिद्दणं. *Des.* चिद्दणिष्यामि, -ये. *Freq.* चंद्दण्ये, चंद्दणिम. *Participles*, Pres. द्दणवत्; Átm. द्दणवान; Past pass. द्दत; Past indecl. द्दत्वा or द्दणित्वा, -द्वत्; Fut. pass. द्दणितव्य, द्दणनीय, द्दण्य.

EXAMPLES OF PRIMITIVE VERBS OF THE NINTH CONJUGATION, EXPLAINED AT 356.

686. Root यु *yu*. Infin. यचितुं *yavitum*, 'to join,' 'to mix.'

PARASMAI-PADA. *Present tense*, 'I join.'

युनामि <i>yunāmi</i>	युनीवस् <i>yunīvas</i>	युनीमस् <i>yunīmas</i>
युनामि <i>yunāsi</i>	युनीथस् <i>yunīthas</i>	युनीथ <i>yunītha</i>
युनाति <i>yunāti</i>	युनीतस् <i>yunītas</i>	युनन्ति <i>yunanti</i>

Potential, 'I may join.'

युनीयां <i>yunīyām</i>	युनीयाव <i>yunīyāva</i>	युनीयाम <i>yunīyāma</i>
युनीयास् <i>yunīyās</i>	युनीयातं <i>yunīyātām</i>	युनीयात <i>yunīyāta</i>
युनीयात् <i>yunīyāt</i>	युनीयातां <i>yunīyātām</i>	युनीयुस् <i>yunīyus</i>

Imperative, 'Let me join.'

युनानि <i>yunáni</i>	युनाव <i>yunáva</i>	युनाम <i>yunáma</i>
युनीहि <i>yuníhi</i>	युनीतं <i>yunítam</i>	युनीत <i>yuníta</i>
युनातु <i>yunátu</i>	युनीतां <i>yunítám</i>	युनन्तु <i>yunantu</i>

First preterite, 'I was joining.'

अयुनां <i>ayunám</i>	अयुनीव <i>ayuníva</i>	अयुनीम <i>ayuníma</i>
अयुनास् <i>ayunás</i>	अयुनीतं <i>ayunítam</i>	अयुनीत <i>ayuníta</i>
अयुनात् <i>ayunát</i>	अयुनीतां <i>ayunítám</i>	अयुनन् <i>ayunan</i>

2d Pret. युयाव, युयविथ or युयोथ, युयाव; युयुविव, युयुवपुस्, युयुवतुस्; युयुविम, युयुव, युयुवुस्. 1st Fut. यवितास्मि or योतास्मि *, &c. 2d Fut. यविष्यामि, &c. 3d Pret. अयाविपं, -वीस्, -वीत्; अयाविष्य, -विष्टं, -विष्टां; अयाविष्य, -विष्ट, -विषुस्. Bened. यूयामं, &c. Cond. अयविष्यं, &c.

687. *ĀTMANE-PADA. Present tense, 'I join.'*

युने <i>yune</i>	युनीवहे <i>yunívahe</i>	युनीमहे <i>yunímahe</i>
युनीषे <i>yuníshe</i>	युनाथे <i>yunáthe</i>	युनीध्वे <i>yunídhwe</i>
युनीते <i>yuníte</i>	युनाते <i>yunáte</i>	युनते <i>yunate</i>

Potential, 'I may join.'

युनीय <i>yuníya</i>	युनीषहि <i>yuníshahi</i>	युनीमहि <i>yunímahi</i>
युनीयास् <i>yuníthás</i>	युनीयाथां <i>yuníyáthám</i>	युनीध्वं <i>yunídhvam</i>
युनीत <i>yuníta</i>	युनीयातां <i>yuníyátám</i>	युनीरन् <i>yuníran</i>

Imperative, 'Let me join.'

युनै <i>yunai</i>	युनावहै <i>yunávahai</i>	युनामहै <i>yunámahai</i>
युनीष्य <i>yuníshwa</i>	युनाथां <i>yunáthám</i>	युनीध्वं <i>yunídhvam</i>
युनीतां <i>yunítám</i>	युनातां <i>yunátám</i>	युनतां <i>yunatám</i>

First preterite, 'I joined.'

अयुनि <i>ayuni</i>	अयुनीवहि <i>ayunívahi</i>	अयुनीमहि <i>ayunímahi</i>
अयुनीयास् <i>ayuníthás</i>	अयुनाथां <i>ayunáthám</i>	अयुनीध्वं <i>ayunídhvam</i>
अयुनीत <i>ayuníta</i>	अयुनातां <i>ayunátám</i>	अयुनत <i>ayunata</i>

2d Pret. युयुवे, युयुविषे, युयुवे; युयुविवहे, युयुवाथे, युयुवाते; युयुविमहे, युयुविध्वे or -द्धे, युयुविरे. 1st Fut. यविताहे, &c. 2d Fut. यविष्ये, &c. 3d Pret. अयविपि, -विष्टास्, -विष्ट; अयविष्यहि, अयविषाथां, -पातां; अयविष्यहि, -विध्वं, -विषत. Bened. यविषीय, &c. Cond. अयविष्ये, &c. *Passive*, Pres. यूये; 1st Fut. याविताहे; 3d Pret. 3d sing. अयावि or अयाविषत. *Causal*, Pres. यावयामि; 3d Pret. अयौयवं. *Des*. युयूपामि or यियवियामि.

* Some authorities give योतास्मि &c. as the only form. See Laghu Kaum. 724.

Freq. योयूये, योयोमि or योयवीमि. *Participles*, Pres. युनत्; *Ātm.* युनान्; Past pass. युत; Past indecl. युत्वा, -युत्; Fut. pass. यवितव्य, यवनीय, याव्य or यव्य.

688. Root ज्ञा (360). Inf. ज्ञातुं 'to know.' Parasmai and *Ātmane*. Pres. जानामि, जानासि, जानाति; जानीवस्, जानीथस्, जानीतस्; जानीमस्, जानीथ, जानन्ति. *Ātm.* जाने, जानीषे, जानीते; जानीवहे, जानाथे, जानाते; जानीमहे, जानीध्वे, जानते. Pot. जानीयां, &c. *Ātm.* जानीय, &c. Imp. जानानि, जानीहि, जानातु; जानाव, जानीतं, जानीतां; जानाम, जानीत, जानन्तु. *Ātm.* जानै, जानीष्य, जानीतां; जानावहै, जानाथां, जानातां; जानामहै, जानीध्वं, जानतां. 1st Pret. अजानां, अजानास्, अजानात्; अजानीव, अजानीतं, अजानीतां; अजानीम, अजानीत, अजानन्. *Ātm.* अजानि, अजानीथास्, अजानीत; अजानीवहि, अजानाथां, अजानातां; अजानीमहि, अजानीध्वं, अजानत. 2d Pret. (373) जज्ञौ, जज्ञिथ, जज्ञौ; जज्ञिव, जज्ञथुस्, जज्ञतुस्; जज्ञिम, जज्ञ, जज्ञुस्. *Ātm.* जज्ञे, जज्ञिषे, जज्ञे; जज्ञिवहे, जज्ञाथे, जज्ञाते; जज्ञिमहे, जज्ञिध्वे or -द्दे, जज्ञिरे. 1st Fut. ज्ञातास्मि, &c. 2d Fut. ज्ञास्यामि, &c. 3d Pret. (433) अज्ञासिपं, अज्ञासीम्, अज्ञासीत्; अज्ञासिष्व, अज्ञासिष्टं, -ष्टां; अज्ञासिष्म, अज्ञासिष्ट, अज्ञासिषुम्. *Ātm.* अज्ञासि, अज्ञास्यास्, अज्ञास्त; अज्ञास्वहि, अज्ञासाथां, अज्ञासातां; अज्ञास्महि, अज्ञाध्वं, अज्ञासत. Bened. ज्ञेयासं or ज्ञायामं. *Ātm.* ज्ञासीय, &c. Cond. अज्ञास्यं, &c. *Ātm.* अज्ञास्ये, &c. *Passive*, Pres. (465. a) ज्ञाये; 2d Pret. जज्ञे (473); 1st Fut. ज्ञाताहे or ज्ञायिताहे (474); 2d Fut. ज्ञास्ये or ज्ञायिष्ये; 3d Pret. 3d sing. अज्ञायि. *Causal*, Pres. ज्ञापयामि or ज्ञपयामि; 3d Pret. अजिज्ञपं. *Des.* जिज्ञासे. *Freq.* जाज्ञाये, जाज्ञामि or जाज्ञेमि. *Participles*, Pres. जानत्; *Ātm.* जानान्; Past pass. ज्ञात; Past indecl. ज्ञात्वा, -ज्ञाय; Fut. pass. ज्ञातव्य, ज्ञानीय, ज्ञेय.

689. Root क्री. Inf. क्रेतुं 'to buy.' Parasmai and *Ātmane*. Pres. क्रीणामि, क्रीणासि, क्रीणाति; क्रीणीवस्, क्रीणीथस्, क्रीणीतस्; क्रीणीमस्, क्रीणीथ, क्रीणन्ति. *Ātm.* क्रीणै, क्रीणीषे, क्रीणीते; क्रीणीवहे, क्रीणाथे, क्रीणाते; क्रीणीमहे, क्रीणीध्वे, क्रीणते. Pot. क्रीणीयां, &c. *Ātm.* क्रीणीय, &c. Imp. क्रीणानि, क्रीणीहि, क्रीणातु; क्रीणाव, क्रीणीतं, क्रीणीतां; क्रीणाम, क्रीणीत, क्रीणन्तु. *Ātm.* क्रीणै, क्रीणीष्य, क्रीणीतां; क्रीणावहै, क्रीणाथां, क्रीणातां; क्रीणामहै, क्रीणीध्वं, क्रीणतां. 1st Pret. अक्रीणां, अक्रीणास्, अक्रीणात्; अक्रीणीव, अक्रीणीतं, अक्रीणीतां; अक्रीणीम, अक्रीणीत, अक्रीणन्. *Ātm.* अक्रीणि, अक्रीणीथास्, अक्रीणीत; अक्रीणीवहि, अक्रीणाथां, अक्रीणातां; अक्रीणीमहि, अक्रीणीध्वं, अक्रीणत. 2d Pret. (367. a) चिक्राय, चिक्रियथि or चिक्रेथ, चिक्राय; चिक्रियिव, चिक्रियथुस्, चिक्रियतुस्; चिक्रियिम, चिक्रिय, चिक्रियुम्. *Ātm.* चिक्रिये, चिक्रियिषे, चिक्रिये; चिक्रियिवहे, चिक्रियाथे, चिक्रियाते; चिक्रियिमहे, चिक्रियिध्वे or -द्दे, चिक्रियिरे. 1st Fut. क्रेतास्मि, &c. *Ātm.* क्रेताहे, &c. 2d Fut. क्रेष्यामि, &c. *Ātm.* क्रेष्ये, &c. 3d Pret. अक्रेषं, -पीस्, -पीत्;

अक्रैष्व, -ष्टं, -ष्टां; अक्रैष्म, -ष्ट, -षुस्. *Ātm.* अक्रैषि, -ष्टास्, -ष्ट; अक्रैष्वहि, -षाषां, -षातां; अक्रैष्महि, अक्रैष्वं or -द्वं, अक्रैषत. *Bened.* क्रोयामं, &c. *Ātm.* क्रैषीय, &c. *Cond.* अक्रैष्यं, &c. *Ātm.* अक्रैष्ये, &c. *Passive, Pres.* क्रोये, &c.; 3d *Pret.* 3d sing. अक्रायि. *Causal, Pres.* क्रापयामि; 3d *Pret.* अचिक्रपं. *Des.* चिक्रीषामि, -षे. *Freq.* चेक्रीये, चेक्रेमि or चेक्रीयीमि. *Participles, Pres.* क्रोयत्; *Ātm.* क्रोयान्; *Past pass.* क्रोत; *Past indecl.* क्रोत्वा, -क्रोय; *Fut. pass.* क्रेतव्य, क्रयणीय, क्रेय.

690. After क्री may be conjugated प्री 'to please;' thus, *Pres.* प्रीषामि, &c.; *Ātm.* प्रीषे, &c. The *Causal* is प्रीषयामि or प्राययामि; 3d *Pret.* अपिप्रणं* or अपिप्रीणं*. *Des.* पिप्रीषामि, &c. *Freq.* पेप्रीये, &c.

691. The root लू, 'to cut,' follows the conjugation of पू, 'to purify,' in the table at 583; thus, *Pres.* लुनामि, &c.; *Ātm.* लुने, &c.; *Pot.* लुनीयां, &c.; *Ātm.* लुनीय, &c.; 2d *Pret.* लुलाव, &c.; *Ātm.* लुलुवे, &c.; 1st *Fut.* लवितास्मि, &c.; 2d *Fut.* लविष्यामि, &c.; 3d *Pret.* अलाविषं, &c.

692. Root वन्ध्. *Inf.* वन्धुं 'to bind.' *Parasmai. Pres.* वधामि, वधामि, वधाति; वधीवस्, वधीयस्, वधीतस्; वधीमस्, वधीथ, वधन्ति. *Pot.* वधीयां, &c. *Imp.* वधानि, वधान (357. a), वधातु; वधाव, वधीतं, -तां; वधाम, वधीत, वधन्तु. 1st *Pret.* अवधामं, अवधास्, अवधात्; अवधीव, अवधीतं, -तां; अवधीम, अवधीत, अवधन्तु. 2d *Pret.* ववन्ध, ववन्धिथ or ववन्ध (298) or ववन्ध (298. a), ववन्ध; ववन्धिव, ववन्धयुस्, ववन्धतुस्; ववन्धिम, ववन्ध, ववन्धुस्. 1st *Fut.* वन्धास्मि (298), &c. 2d *Fut.* भन्त्यामि (299. a), &c. 3d *Pret.* अभान्तं (299. a), अभान्तीस्, अभान्तीत्; अभान्त्स्, अवान्दं, अवान्दां; अभान्त्स्, अवान्द, अभान्तुस्. *Bened.* वध्यामं. *Cond.* अवन्ध्यं. *Passive, Pres.* (469) वध्ये. *Causal, Pres.* वन्धयामि; 3d *Pret.* अववन्धं. *Des.* विभन्तामि (299. a). *Freq.* वावध्ये, वावन्धिम्, वावन्धीमि. *Participles, Pres.* वधत्; *Past pass.* वद्ध; *Past indecl.* वद्धा, -वध्य; *Fut. pass.* वन्धव्य, वन्धीय, वन्ध्य.

693. Root ग्रन्थ्. *Inf.* ग्रन्थितुं 'to connect,' 'to tie,' 'to fasten together.' *Parasmai. Pres.* ग्रथामि, ग्रथामि, ग्रथाति; ग्रथीवस्, ग्रथीयस्, ग्रथीतस्; ग्रथीमस्, ग्रथीथ, ग्रथन्ति. *Pot.* ग्रथीयां, &c. *Imp.* ग्रथानि, ग्रथान †, ग्रथातु; ग्रथाव, ग्रथीतं, -तां; ग्रथाम, ग्रथीत, ग्रथन्तु. 1st *Pret.* अग्रथामं, अग्रथास्, अग्रथात्; अग्रथीव, अग्रथीतं, -तां; अग्रथीम, अग्रथीत, अग्रथन्तु. 2d *Pret.* (375. f) जग्रन्थ †, जग्रन्धिथ or ग्रेधिथ, जग्रन्थ †; जग्रन्धिव or ग्रेधिव,

* Foster gives अपिप्रणं; Westergaard, अपिप्रीणं.

† Some authorities give ग्रथान् in 2d sing. *Imp.*; and the option of जग्राथ in the 1st and 3d of the 2d *Pret.* Compare 339.

जग्रन्थयुस् or ग्रेथयुस्, जग्रन्थतुस् or ग्रेथतुस्; जग्रन्थिम or ग्रेथिम, जग्रन्थ or ग्रेथ, जग्रन्थुस् or ग्रेथुस्. 1st Fut. ग्रन्थितास्मि, &c. 2d Fut. ग्रन्थिष्यामि, &c. 3d Pret. अग्रन्थिषं, -न्थीस्, -न्थीत्, &c.; see 427. Bened. ग्रन्थ्यासं, &c. Cond. अग्रन्थिष्यं, &c. *Passive*, Pres. (469) ग्रन्थ्ये, &c. *Causal*, Pres. ग्रन्थयामि; 3d Pret. अजग्रन्थं. *Des.* जिग्रन्थिषामि. *Freq.* जाग्रन्थ्ये, जंग्रन्थमि, जंग्रन्थोमि. *Participles*, Pres. ग्रन्थत्; Past pass. ग्रन्थित; Past indecl. ग्रन्थित्वा or ग्रन्थित्वा, -ग्रन्थ्य; Fut. pass. ग्रन्थितव्य, ग्रन्थनीय, ग्रन्थ्य.

a. After ग्रन्थ may be conjugated अन्थ् 'to loosen,' मन्थ् 'to churn,' &c.

694. Root ह्युम्*. Inf. ह्योभितुं 'to agitate,' 'to shake.' Parasmai. Pres. ह्युभामि, ह्युभामि, ह्युभानि; ह्युभोवस्, ह्युभोयस्, ह्युभोतस्; ह्युभोमस्, ह्युभोच, ह्युभन्ति. Pot. ह्युभोष्यां, &c. Imp. ह्युभानि, ह्युभाण (357. a, 58), ह्युभानु; ह्युभाव, ह्युभोतं, -तां; ह्युभाम, ह्युभोत, ह्युभन्तु. 1st Pret. अह्युभां, अह्युभास्, अह्युभात्; अह्युभोव, अह्युभोतं, -तां; अह्युभोम, अह्युभोत, अह्युभन्. 2d Pret. चुह्योभ, चुह्योभय, चुह्योभ; चुह्युभिव, चुह्युभयुस्, चुह्युभतुस्; चुह्युभिम, चुह्युभ, चुह्युभुस्. 1st Fut. ह्योभितास्मि, &c. 2d Fut. ह्योभिष्यामि, &c. 3d Pret. अह्योभिषं, -पीस्, -पीत्, &c.; see 427. Or अह्युभं, -भस्, -भत्; -भाव, -भतं, -भतां; -भाम, -भत, -भन्. Bened. ह्युभ्यासं, &c. Cond. अह्योभिष्यं, &c. *Passive*, Pres. ह्युभ्ये; 3d Pret. 3d sing. अह्योभि. *Causal*, Pres. ह्योभयामि; 3d Pret. अह्युभं. *Des.* चुह्योभियामि or चुह्युभियामि. *Freq.* चोह्युभ्ये, चोह्योभिम (3d sing. चोह्योभि). *Participles*, Pres. ह्युभत्; Past pass. ह्युभ or ह्युभित; Past indecl. ह्युभ्या or ह्युभित्वा, -ह्युभ्य; Fut. pass. ह्योभितव्य, ह्योभणीय (58), ह्योभ्य.

695. Root स्तम्भ्†. Inf. स्तम्भितुं 'to stop,' 'to stay,' 'to support.' Parasmai. Pres. स्तम्भामि, &c.; see ह्युम् at 694. Pot. स्तम्भोष्यां, &c. Imp. स्तम्भानि, स्तम्भान (357. a), स्तम्भानु; स्तम्भाव, स्तम्भोतं, -तां; स्तम्भाम, स्तम्भोत, स्तम्भन्तु. 1st Pret. अस्तम्भां, &c. 2d Pret. तस्तम्भ, तस्तम्भय, तस्तम्भ; तस्तम्भिव, तस्तम्भयुस्, तस्तम्भतुस्; तस्तम्भिम, तस्तम्भ, तस्तम्भुस्. 1st Fut. स्तम्भितास्मि, &c. 2d Fut. स्तम्भिष्यामि, &c. 3d Pret. अस्तम्भिषं, -म्भीस्, -म्भीत्, &c.; see 427. Or अस्तम्भं, -भस्, -भत्; -भाव, -भतं, -भतां; -भाम, -भत, -भन्. Bened. स्तम्भ्यासं. Cond. अस्तम्भिष्यं. *Passive*, Pres. स्तम्भ्ये. *Causal*, Pres. स्तम्भयामि; 3d Pret. अस्तम्भं. *Des.* तस्तम्भियामि. *Freq.* तास्तम्भ्ये, तास्तम्भिम or तास्तम्भीमि. *Participles*, Pres. स्तम्भत्; Past pass. स्तम्भ; Past indecl. स्तम्भ्या or स्तम्भित्वा; Fut. pass. स्तम्भितव्य, स्तम्भनीय, स्तम्भ्य.

* This root is also conjugated in the 4th conjugation, when it is neuter, and signifies 'to be agitated'; thus, Pres. ह्युभ्यामि, &c. See 612.

† This root also follows the 5th conjugation; thus, Pres. स्तम्भोमि, &c. See 675.

696. Root अश्* . Inf. अशितुं 'to eat.' Parasmai. Pres. अश्मामि, अश्मामि, अश्मामि; अश्मीवस्, अश्मीथस्, अश्मीतस्; अश्मीमस्, अश्मीथ, अश्मन्ति. Pot. अश्मीयां, &c. Imp. अश्मानि, अशान (357. a), अश्मातु; अश्माव, अश्मीतं, -तां; अश्माम, अश्मीत, अश्मन्तु. 1st Pret. अश्मां, अश्मास्, अश्मातु; अश्मीव, अश्मीतं, -तां; अश्मीम, अश्मीत, अश्मन्. 2d Pret. अश, अशिय, अश; अशिव, अशयुस्, अशतुस्; अशिम, अश, अशुस्. 1st Fut. अशितास्मि, &c. 2d Fut. अशिष्यामि, &c. 3d Pret. अशियं, अशीम्, अशीत्; अशिष्व, अशिष्टं, अशिष्टां; अशिष्म, अशिष्ट, अशिषुस्. Bened. अश्यासं, &c. Cond. अशिष्यं, &c. *Passive*, Pres. अश्ये. *Causal*, Pres. अशयामि; 3d Pret. अशिशं. *Des.* अशिशियामि. *Freq.* अशशये (508. a). *Participles*, Pres. अश्नत्; Past pass. अशित; Past indecl. अशित्वा, -अश्य; Fut. pass. अशितव्य, अशनीय, अश्य.

697. Root क्लिश् . Inf. क्लेशितुं or क्लेष्टुं 'to harass,' 'to vex,' 'to distress.' Parasmai. Pres. क्लिश्मामि, &c.; see अश् at 696. Pot. क्लिश्मीयां, &c. Imp. क्लिश्मानि, क्लिशान (357. a), &c. 1st Pret. अक्लिश्मां, अक्लिश्मास्, अक्लिश्मातु; अक्लिश्मीव, अक्लिश्मीतं, -तां; अक्लिश्मीम, अक्लिश्मीत, अक्लिश्मन्. 2d Pret. चिक्लेश, चिक्लेशिय or चिक्लेश, चिक्लेश; चिक्लिशिव, चिक्लिशयुस्, चिक्लिशतुस्; चिक्लिशिम, चिक्लिश, चिक्लिशुस्. 1st Fut. क्लेशितास्मि or क्लेश्यास्मि, &c. 2d Fut. क्लेशिष्यामि or क्लेश्यामि, &c. 3d Pret. अक्लेशियं, -शीम्, -शीत्; अक्लेशिष्व, -शिष्टं, -शिष्टां; अक्लेशिष्म, -शिष्ट, -शिषुस्. Or अक्लिष्टं, -क्षस्, -क्षत्; -क्षव, -क्षतं, -क्षतां; -क्षाम, -क्षत, -क्षन् (see 439). Bened. क्लिश्यासं, &c. Cond. अक्लेशियं or अक्लेश्यं. *Passive*, Pres. क्लिश्ये; 3d Pret. 3d sing. अक्लेशि. *Causal*, Pres. क्लेशयामि; 3d Pret. अचिक्लिशं. *Des.* चिक्लिशियामि or चिक्लेशियामि or चिक्लिश्यामि. *Freq.* चेक्लिश्ये, चेक्लिशिम. *Participles*, Pres. क्लिश्नत्; Past pass. क्लिष्ट or क्लिशित; Past indecl. क्लिष्ट्वा or क्लिशित्वा, -क्लिश्य; Fut. pass. क्लेशितव्य or क्लेश्य, क्लेशनीय, क्लेश्य.

698. Root पुष् (357. a). Inf. पोषितुं 'to nourish.' Parasmai. Pres. पुष्मामि, पुष्मामि, पुष्मामि; पुष्मीवस्, पुष्मीथस्, पुष्मीतस्; पुष्मीमस्, पुष्मीथ, पुष्मन्ति. Pot. पुष्मीयां, &c. Imp. पुष्मानि, पुषाण, पुष्मातु; पुष्माव, पुष्मीतं, -तां; पुष्माम, पुष्मीत, पुष्मन्तु. 1st Pret. अपुष्मां, अपुष्मास्, अपुष्मातु; अपुष्मीव, अपुष्मीतं, -तां; अपुष्मीम, अपुष्मीत, अपुष्मन्. For the other tenses and forms, see पुष् 4th c. at 621.

699. Root ग्रह (359). Inf. ग्रहीतुं 'to take' (414. a). Parasmai and Ātmane. Pres. गृह्णामि, गृह्णामि, गृह्णामि; गृह्णीवस्, गृह्णीथस्, गृह्णीतस्; गृह्णीमस्, गृह्णीथ, गृह्णन्ति. Ātm. गृह्णते, गृह्णीथे, गृह्णीते; गृह्णीवहे, गृह्णीथे, गृह्णीते; गृह्णीमहे, गृह्णीध्वे, गृह्णते. Pot. गृह्णीयां. Ātm. गृह्णीथ, &c.

* This is a different root from अश् 5th conjugation. See 682.

Imp. गृह्णानि, गृहाण, गृह्णातु; गृह्णाव, गृह्णीतं, गृह्णीतां; गृह्णाम, गृह्णीत, गृह्णन्तु. *Átm.* गृह्णै, गृह्णीष्व, गृह्णीतां; गृह्णावहे, गृह्णाथां, गृह्णातां; गृह्णामहे, गृह्णीध्वं, गृह्णतां. 1st Pret. अगृह्णां, अगृह्णाम्, अगृह्णात्; अगृह्णीव, अगृह्णीतं, अगृह्णीतां; अगृह्णीम, अगृह्णीत, अगृह्णन्. *Átm.* अगृह्णै, अगृह्णीषाम्, अगृह्णीत; अगृह्णीवहि, अगृह्णाथां, अगृह्णातां; अगृह्णीमहि, अगृह्णीध्वं, अगृह्णत. 2d Pret. (380) जग्राह, जग्रहिष, जग्राह; जगृहिव, जगृहधुस्, जगृहतुस्; जगृहिम, जगृह, जगृहुस्. *Átm.* जगृहे, जगृहिषे, जगृहे; जगृहिवहे, जगृहाषे, जगृहाते; जगृहिमहे, जगृहिध्वे or -द्दे, जगृहिरे. 1st Fut. ग्रहीतास्मि, &c. (414. a). *Átm.* ग्रहीताहे, &c. 2d Fut. ग्रहीष्यामि. *Átm.* ग्रहीष्ये, &c. 3d Pret. अग्रहीषं, अग्रहीस्, अग्रहीत्; अग्रहीष्व, अग्रहीषं, अग्रहीषां; अग्रहीष्म, अग्रहीष्ट, अग्रहीषुस्. *Átm.* अग्रहीषि, अग्रहीष्म, अग्रहीष्ट; अग्रहीष्वहि, अग्रहीषाथां, अग्रहीषातां; अग्रहीष्महि, अग्रहीध्वं, अग्रहीषत. Bened. गृह्णामं, &c. *Átm.* ग्रहीषीय. Cond. अग्रहीष्यं. *Átm.* अग्रहीष्ये. *Passive*, Pres. गृह्ये; 2d Pret. जगृहे; 1st Fut. ग्रहीताहे or ग्राहिताहे; 2d Fut. ग्रहीष्ये or ग्राहिष्ये; 3d Pret. 3d sing. अग्राहि, 3d pl. अग्रहीषत or अग्राहिषत. *Causal*, Pres. ग्राहयामि; 3d Pret. अजिग्रहं. *Des.* जिषृक्षामि, -क्षे (503). *Freq.* जरीगृह्ये, जाग्रहि (3d sing. जाग्रदि) or जाग्रहीमि; see 711. *Participles*, Pres. गृह्णत्; *Átm.* गृह्णान; Past pass. गृहीत; Past indecl. गृहीत्वा, -गृह्य; Fut. pass. ग्रहीतव्य, ग्रहणीय, ग्राह्य.

EXAMPLES OF PASSIVE VERBS, EXPLAINED AT 461.

700. Root दा *dá* (465). Infin. दातुं *dátum*, 'to be given.'

Present, 'I am given.'

दीये <i>dīye</i>	दीयावहे <i>dīyāvaha</i>	दीयामहे <i>dīyāmahe</i>
दीयसे <i>dīyase</i>	दीयेषे <i>dīyēṣhe</i>	दीयध्वे <i>dīyadhve</i>
दीयते <i>dīyate</i>	दीयेते <i>dīyēte</i>	दीयन्ते <i>dīyante</i>

Potential, 'I may be given.'

दीयेय <i>dīyeya</i>	दीयेवहि <i>dīyevahi</i>	दीयेमहि <i>dīyemahi</i>
दीयेषाम् <i>dīyēthām</i>	दीयेषाथां <i>dīyēṣāthām</i>	दीयेध्वं <i>dīyēdhvam</i>
दीयेत <i>dīyeta</i>	दीयेषातां <i>dīyēṣātām</i>	दीयेस्त् <i>dīyeran</i>

Imperative, 'Let me be given.'

दीये <i>dīyai</i>	दीयावहे <i>dīyāvahai</i>	दीयामहे <i>dīyāmahai</i>
दीयस्व <i>dīyaswa</i>	दीयेषां <i>dīyēthām</i>	दीयध्वं <i>dīyadhvam</i>
दीयतां <i>dīyatām</i>	दीयेतां <i>dīyētām</i>	दीयन्तां <i>dīyantām</i>

First preterite, 'I was given.'

अदीये <i>adiye</i>	अदीयावहि <i>adīyāvahi</i>	अदीयामहि <i>adīyāmahi</i>
अदीयथाम् <i>adīyathāms</i>	अदीयेषां <i>adīyēthāms</i>	अदीयध्वं <i>adīyudhwaṃ</i>
अदीयत <i>adīyata</i>	अदीयेतां <i>adīyētāms</i>	अदीयन्त <i>adīyānt</i>

Second preterite, 'I have been given.'

ददे <i>dade</i>	ददिवहे <i>dadivāhe</i>	ददिमहे <i>dadimahe</i>
ददिषे <i>dadishe</i>	ददाथे <i>dadāthe</i>	ददिव्ध्वे <i>dadūlhwē</i> or -द्वे- <i>dhwē</i>
ददे <i>dade</i>	ददाते <i>dadāte</i>	ददिरे <i>dadire</i>

First future, 'I shall be given.'

{ दाताहे <i>dātāhe</i> or दायिताहे <i>dāyitāhe</i>	दातास्वहे <i>dātāsvāhe</i>	दातास्महे <i>dātāsmāhe</i> , &c.
	दायितास्वहे <i>dāyitāsvāhe</i>	दायितास्महे <i>dāyitāsmāhe</i> , &c.

Second future, 'I shall be given.'

{ दाम्ये <i>dāsye</i> or दायिष्ये <i>dāyishye</i>	दाम्यावहे <i>dāsyaṅvāhe</i>	दाम्यामहे <i>dāsyaṅmāhe</i> , &c.
	दायिष्यावहे <i>dāyishyaṅvāhe</i>	दायिष्यामहे <i>dāyishyaṅmāhe</i> , &c.

Third preterite, 'I was given.'

{ अदिपि <i>adishi</i> or अदायिपि <i>adāyishi</i>	अदिष्वहि <i>adishvahi</i>	अदिमहि <i>adishmahi</i>
	अदायिष्वहि <i>adāyishvahi</i>	अदायिमहि <i>adāyishmahi</i>
{ अदिथाम् <i>adithāms</i> or अदायिष्याम् <i>adāyishyāms</i>	अदिपायां <i>adishāthāms</i>	अदिद्वं <i>adidhvaṃ</i>
	अदायिपायां <i>adāyishāthāms</i>	अदायिध्वं <i>adāyidhvaṃ</i>
अदायि <i>adāyi</i> , 'it was given.'	अदिपातां <i>adishātāms</i>	अदिपत <i>adishata</i>
	अदायिपातां <i>adāyishātāms</i>	अदायिपत <i>adāyishata</i>

Bened. दासीय or दायिपीय, &c. Cond. अदास्ये or अदायिष्ये.

701. Root कृ *kṛi* (467). Infin. कर्तुं *karttum*, 'to be made' or 'done.'

Present, 'I am made.'

क्रिये	क्रियावहे	क्रियामहे
क्रियसे	क्रियेषे	क्रियध्वे
क्रियते	क्रियेते	क्रियन्ते

Potential, 'I may be made.'

क्रियेय	क्रियेवहि	क्रियेमहि
क्रियेथाम्	क्रियेयाथां	क्रियेध्वं
क्रियेत	क्रियेयातां	क्रियेरन्

Imperative, 'Let me be made.'

क्रियै	क्रियावहै	क्रियामहै
क्रियस्व	क्रियेषां	क्रियध्वं
क्रियतां	क्रियेतां	क्रियन्तां

First preterite, 'I was made.'

अक्रिये	अक्रियावहि	अक्रियामहि
अक्रियथाम्	अक्रियेषां	अक्रियध्वं
अक्रियत	अक्रियेतां	अक्रियन्त

Second preterite.

चक्रे	चकृवहे	चकृमहे
चकृपे	चक्राथे	चकृद्वे
चक्रे	चक्राते	चक्रिरे

First future.

{ कर्त्ताहे or कारिताहे	कर्त्तास्वहे	कर्त्तास्महे, &c.
	कारितास्वहे	कारितास्महे, &c.
Second fut. करिष्ये or कारिष्ये, &c.		

Third preterite.

SING.	DUAL.	PLURAL.
अकृपि or अकारिपि	अकृष्वहि or अकारिष्वहि	अकृप्सहि or अकारिप्सहि
अकृषाम् or अकारिषाम्	अकृषां or अकारिषां	अकृद् or अकारिध्वं
अकारि 'it was done'	अकृषातां or अकारिषातां	अकृपत or अकारिपत

Bened. कृषीय or कारिषीय. Cond. अकरिषे or अकारिषे.

702. The following is an example of a passive verb from a root ending in a consonant :

Root युञ् *yuj*. Infin. योक्तुं *yoktum*, 'to be fitting.'

Pres. युज्ये 'I am fitting,' युज्यसे, युज्यते, &c. Pot. युज्येय, &c. Imp. युज्ये, युज्यस्व, युज्यतां, &c. 1st Pret. अयुज्ये, अयुज्यथाम्, अयुज्यत, &c. 2d Pret. युयुजे, युयुजिषे, युयुजे, &c. 1st Fut. योक्ताहे, योक्तासे, योक्ता, &c. 2d Fut. योक्ष्ये, योक्ष्यसे, योक्ष्यते, &c. 3d Pret. अयुद्धि, अयुक्त्याम्, अयोजि; अयुक्त्वहि, अयुक्त्वायां, &c. Bened. युक्षीय, &c. Cond. अयोक्ष्ये, &c.

EXAMPLES OF CAUSAL VERBS, EXPLAINED AT 479.

703. Root भू *bhú*. Infin. भावयितुं *bhāvayitum*, 'to cause to be.'

PARASMAI-PADA.

ĀTMANE-PADA.

Present, 'I cause to be,' &c.

भावयामि	भावयावस्	भावयामस्	भावये	भावयावहे	भावयामहे
भावयसि	भावयथस्	भावयथ	भावयसे	भावयेथे	भावयध्वे
भावयति	भावयतस्	भावयन्ति	भावयते	भावयेते	भावयन्ते

Potential, 'I may cause to be,' &c.

भावयेयं	भावयेव	भावयेम	भावयेथ	भावयेवहि	भावयेमहि
भावयेस्	भावयेतं	भावयेत	भावयेथाम्	भावयेथायां	भावयेध्वं
भावयेत्	भावयेतां	भावयेयुस्	भवयेत	भावयेथातां	भावयेरन्

Imperative, 'Let me cause to be,' &c.

भावयानि	भावयाव	भावयाम	भावयै	भावयावहै	भावयामहै
भावय	भावयतं	भावयत	भावयस्व	भावयेथां	भावयध्वं
भावयतु	भावयतां	भावयन्तु	भावयतां	भावयेतां	भावयन्तां

First preterite, 'I was causing to be,' &c.

अभावयम्	अभावयाव	अभावयाम	अभावये	अभावयावहि	अभावयामहि
अभावयस्	अभावयतं	अभावयत	अभावयथाम्	अभावयेथां	अभावयध्वं
अभावयत्	अभावयतां	अभावयन्	अभावयत	अभावयेतां	अभावयन्त

Second preterite, 'I caused to be,' &c.

भावयाञ्चकार	भावयाञ्चकृव	भावयाञ्चकृम	भावयाञ्चक्रे	भावयाञ्चकृवहे	भावयाञ्चकृमहे
भावयाञ्चकर्थे	भावयाञ्चक्रुधुम्	भावयाञ्चक्रु	भावयाञ्चकृपे	भावयाञ्चक्रापे	भावयाञ्चकृद्वे
भावयाञ्चकार	भावयाञ्चक्रुतुम्	भावयाञ्चक्रुम्	भावयाञ्चक्रे	भावयाञ्चक्राते	भावयाञ्चक्रिरे

First future, 'I will cause to be,' &c.

भावयितास्मि	भावयितास्वम्	भावयितास्मस्	भावयिताहे	भावयितास्वहे	भावयितास्महे
भावयितासि	भावयितास्यम्	भावयितास्य	भावयितासे	भावयितासाथे	भावयिताध्वे
भावयिता	भावयितारौ	भावयितारस्	भावयिता	भावयितारौ	भावयितारस्

Second future, 'I shall or will cause to be,' &c.

भावयिष्यामि	भावयिष्यावस्	भावयिष्यामस्	भावयिष्ये	भावयिष्यावहे	भावयिष्यामहे
भावयिष्यसि	भावयिष्यथस्	भावयिष्यथ	भावयिष्यसे	भावयिष्येथे	भावयिष्यध्वे
भावयिष्यति	भावयिष्यतस्	भावयिष्यन्ति	भावयिष्यते	भावयिष्येते	भावयिष्यन्ते

Third preterite, 'I caused to be,' &c.

अवीभवम्	अवीभवाव	अवीभवाम	अवीभवे	अवीभवावहि	अवीभवामहि
अवीभवस्	अवीभवतं	अवीभवत	अवीभवथास्	अवीभवेथां	अवीभवध्वं
अवीभवत्	अवीभवतां	अवीभवन्	अवीभवत	अवीभवेतां	अवीभवन्त

Benedictive or optative, 'May I cause to be,' &c.

भाव्यासम्	भाव्यास्व	भाव्यास्म	भावयिषीय	भावयिषीवहि	भावयिषीमहि
भाव्यास्	भाव्यास्तं	भाव्यास्त	भावयिषीथास्	भावयिषीयास्थां	भावयिषीध्वं
भाव्यात्	भाव्यास्तां	भाव्यासुस्	भावयिषीष्ट	भावयिषीयास्तां	भावयिषीरन्

Conditional, 'I should cause to be,' &c.

अभावयिष्यम्	अभावयिष्याव	अभावयिष्याम	अभावयिष्ये	अभावयिष्यावहि	अभावयिष्यामहि
अभावयिष्यस्	अभावयिष्यतं	अभावयिष्यत	अभावयिष्यथास्	अभावयिष्येथां	अभावयिष्यध्वं
अभावयिष्यत्	अभावयिष्यतां	अभावयिष्यन्	अभावयिष्यत	अभावयिष्येतां	अभावयिष्यन्त

704. Root दृश् *drīś*. Infin. दर्शयितुं *darśayitum*, 'to cause to see.'

PARASMAI-PADA. *Present, 'I cause to see.'*

दर्शयामि <i>darśayāmi</i>	दर्शयावस् <i>darśayāvas</i>	दर्शयामस् <i>darśayāmas</i>
दर्शयसि <i>darśayasi</i>	दर्शयथस् <i>darśayathas</i>	दर्शयथ <i>darśayatha</i>
दर्शयति <i>darśayati</i>	दर्शयतस् <i>darśayatas</i>	दर्शयन्ति <i>darśayanti</i>

Potential, 'I may cause to see.'

दर्शयेयं <i>darśayeyam</i>	दर्शयेव <i>darśayeva</i>	दर्शयेम <i>darśayema</i>
दर्शयेस् <i>darśayes</i>	दर्शयेतं <i>darśayetam</i>	दर्शयेत <i>darśayeta</i>
दर्शयेत् <i>darśayet</i>	दर्शयेतां <i>darśayetām</i>	दर्शयेयुस् <i>darśayeyus</i>

Imperative, 'Let me cause to see.'

दर्शयानि <i>darśayāni</i>	दर्शयाव <i>darśayāva</i>	दर्शयाम <i>darśayāma</i>
दर्शय <i>darśaya</i>	दर्शयतं <i>darśayatam</i>	दर्शयत <i>darśayata</i>
दर्शयतु <i>darśayatu</i>	दर्शयतां <i>darśayatām</i>	दर्शयन्तु <i>darśayantu</i>

First preterite, 'I was causing to see.'

अदर्शयं <i>adarśayam</i>	अदर्शयाव <i>adarśayāva</i>	अदर्शयाम <i>adarśayāma</i>
अदर्शयस् <i>adarśayas</i>	अदर्शयतं <i>adarśayatam</i>	अदर्शयत <i>adarśayata</i>
अदर्शयत् <i>adarśayat</i>	अदर्शयतां <i>adarśayatām</i>	अदर्शयन् <i>adarśayan</i>

Second preterite, 'I caused to see.'

दर्शयामास <i>darśayāmasa</i> *	दर्शयामासिच <i>darśayāmasiiva</i>	दर्शयामासिम <i>darśayāmasima</i>
दर्शयामासिथ <i>darśayāmasitha</i>	दर्शयामासथुस् <i>darśayāmasathus</i>	दर्शयामास <i>darśayāmasa</i>
दर्शयामास <i>darśayāmasa</i>	दर्शयामासतुस् <i>darśayāmasatus</i>	दर्शयामासुस् <i>darśayāmasus</i>

First future, 'I will cause to see.'

दर्शयितास्मि <i>darśayitāsmi</i>	दर्शयितास्वस् <i>darśayitāsvas</i>	दर्शयितास्मस् <i>darśayitāsmas</i>
दर्शयितासि <i>darśayitāsi</i>	दर्शयितास्यस् <i>darśayitāsthus</i>	दर्शयितास्य <i>darśayitāstha</i>
दर्शयिता <i>darśayitā</i>	दर्शयितारौ <i>darśayitārau</i>	दर्शयितारस् <i>darśayitāras</i>

Second future, 'I will cause to see.'

दर्शयिष्यामि <i>darśayishyāmi</i>	दर्शयिष्यावस् <i>darśayishyāvas</i>	दर्शयिष्यामस् <i>darśayishyāmas</i>
दर्शयिष्यसि <i>darśayishyasi</i>	दर्शयिष्यथस् <i>darśayishyathas</i>	दर्शयिष्यथ <i>darśayishyatha</i>
दर्शयिष्यति <i>darśayishyati</i>	दर्शयिष्यतस् <i>darśayishyatas</i>	दर्शयिष्यन्ति <i>darśayishyanti</i>

3d Pret. अदीदृशं or अददर्शं, &c.; see 638. Bened. दर्शयामं, &c. Cond. अदर्शयिष्यं. Átm. Pres. दर्शये, दर्शयमे, दर्शयते, &c. Pot. दर्शयेय. Imp. दर्शये, दर्शयस्व, &c. 1st Pret. अदर्शये. 2d Pret. दर्शयान्त्त्रे. 1st Fut. दर्शयिताहे. 2d Fut. दर्शयिष्ये. 3d Pret. अदीदृशे, अदीदृशथाम्, &c. Bened. दर्शयिषीय. Cond. अदर्शयिष्ये.

After these models, and after the model of primitive verbs of the 10th class at 638, may be conjugated all causal verbs.

EXAMPLES OF DESIDERATIVE VERBS, EXPLAINED AT 498.

705. Root भू *bhú*. Infin. बुभूषितुं *bubhúshitum*, 'to wish to be.'

PARASMAI-PADA.

ÁTMANE-PADA.

Present, 'I wish to be,' &c.

बुभूषामि	बुभूषावस्	बुभूषामस्	बुभूषे	बुभूषावहे	बुभूषामहे
बुभूषसि	बुभूषथस्	बुभूषथ	बुभूषसे	बुभूषथे	बुभूषथे
बुभूषति	बुभूषतस्	बुभूषन्ति	बुभूषते	बुभूषते	बुभूषन्ते

* Or दर्शयाञ्चकार *darśayāñchakúra*; see 490.

Potential, 'I may wish to be,' &c.

बुभूषेयं	बुभूषेव	बुभूषेम	बुभूषेय	बुभूषेवहि	बुभूषेमहि
बुभूषेस्	बुभूषेतं	बुभूषेत	बुभूषेथास्	बुभूषेथां	बुभूषेध्वं
बुभूषेत	बुभूषेतां	बुभूषेयुस्	बुभूषेत	बुभूषेयातां	बुभूषेरन्

Imperative, 'Let me wish to be,' &c.

बुभूषाणि	बुभूषाव	बुभूषाम	बुभूषै	बुभूषावहे	बुभूषामहे
बुभूष	बुभूषतं	बुभूषत	बुभूषस्व	बुभूषेथां	बुभूषध्वं
बुभूषतु	बुभूषतां	बुभूषन्तु	बुभूषतां	बुभूषेतां	बुभूषन्तां

First preterite, 'I was wishing to be,' &c.

अबुभूषम्	अबुभूषाव	अबुभूषाम	अबुभूषे	अबुभूषावहि	अबुभूषामहि
अबुभूषस्	अबुभूषतं	अबुभूषत	अबुभूषथास्	अबुभूषेथां	अबुभूषध्वं
अबुभूषत	अबुभूषतां	अबुभूषन्	अबुभूषत	अबुभूषेतां	अबुभूषन्त

Second preterite, 'I wished to be,' &c.

बुभूषाञ्चकार*	बुभूषाञ्चकृव	बुभूषाञ्चकृम	बुभूषाञ्चक्रे	बुभूषाञ्चकृवहे	बुभूषाञ्चकृमहे
बुभूषाञ्चकथं	बुभूषाञ्चक्रथुस्	बुभूषाञ्चक्र	बुभूषाञ्चकृषे	बुभूषाञ्चक्राथे	बुभूषाञ्चकृध्वे
बुभूषाञ्चकार	बुभूषाञ्चक्रतुस्	बुभूषाञ्चक्रुस्	बुभूषाञ्चक्रे	बुभूषाञ्चक्राते	बुभूषाञ्चक्रिरे

First future, 'I will wish to be,' &c.

बुभूषितास्मि	बुभूषितास्वस्	बुभूषितास्मस्	बुभूषिताहे	बुभूषितास्वहे	बुभूषितास्महे
बुभूषितासि	बुभूषितास्यस्	बुभूषितास्य	बुभूषितासे	बुभूषितासाथे	बुभूषितास्ये
बुभूषिता	बुभूषितारौ	बुभूषितारस्	बुभूषिता	बुभूषितारौ	बुभूषितारस्

Second future, 'I will or shall wish to be,' &c.

बुभूषिष्यामि	बुभूषिष्यावस्	बुभूषिष्यामस्	बुभूषिष्ये	बुभूषिष्यावहे	बुभूषिष्यामहे
बुभूषिष्यसि	बुभूषिष्यथस्	बुभूषिष्यथ	बुभूषिष्यसे	बुभूषिष्येथे	बुभूषिष्यथे
बुभूषिष्यति	बुभूषिष्यतस्	बुभूषिष्यन्ति	बुभूषिष्यते	बुभूषिष्येते	बुभूषिष्यन्ते

Third preterite, 'I wished to be,' &c.

अबुभूषिषम्	अबुभूषिष्व	अबुभूषिष्व	अबुभूषिषि	अबुभूषिष्वहि	अबुभूषिष्वहि
अबुभूषिषस्	अबुभूषिषं	अबुभूषिष	अबुभूषिषास्	अबुभूषिषाथां	अबुभूषिषध्वं
अबुभूषिषत्	अबुभूषिषं	अबुभूषिषुस्	अबुभूषिष	अबुभूषिषातां	अबुभूषिषत

Benedictive, 'May I wish to be,' &c.

बुभूष्यामस्	बुभूष्यास्व	बुभूष्यास्म	बुभूषिषीय	बुभूषिषीवहि	बुभूषिषीमहि
बुभूष्यास्	बुभूष्यास्तं	बुभूष्यास्त	बुभूषिषीथास्	बुभूषिषीयाथां	बुभूषिषीध्वं
बुभूष्यात्	बुभूष्यास्तां	बुभूष्यासुस्	बुभूषिषीथ	बुभूषिषीयास्तां	बुभूषिषीरन्

Conditional, 'I should wish to be,' &c.

अबुभूषिष्यम्	अबुभूषिष्याव	अबुभूषिष्याम	अबुभूषिष्ये	अबुभूषिष्यावहि	अबुभूषिष्यामहि
अबुभूषिष्यस्	अबुभूषिष्यतं	अबुभूषिष्यत	अबुभूषिष्यथास्	अबुभूषिष्येथां	अबुभूषिष्यध्वं
अबुभूषिष्यत्	अबुभूषिष्यतां	अबुभूषिष्यन्	अबुभूषिष्यत	अबुभूषिष्येतां	अबुभूषिष्यन्त

* Or बुभूषाञ्चकर.

EXAMPLES OF FREQUENTATIVE OR INTENSIVE VERBS,
EXPLAINED AT 507.

706. Root भू *bhú*. Infin. वोभविर्तुं *bobhavitum* or वोभूयितुं *bobhúyitum*,
'to be repeatedly' 'or frequently.'

ĀTMANE-PADA FORM (509).

Present, 'I am repeatedly,' &c.

वोभूये	वोभूयावहे	वोभूयामहे
वोभूयसे	वोभूयेथे	वोभूयध्वे
वोभूयते	वोभूयेते	वोभूयन्ते

Potential, 'I may be frequently,' &c.

वोभूयेय	वोभूयेवहि	वोभूयेमहि
वोभूयेथाम्	वोभूयेथां	वोभूयेध्वं
वोभूयेत	वोभूयेतां	वोभूयेरन्

Imperative, 'Let me be frequently,' &c.

वोभूये	वोभूयावहे	वोभूयामहे
वोभूयस्व	वोभूयेथां	वोभूयध्वं
वोभूयतां	वोभूयेतां	वोभूयन्तां

First preterite, 'I was frequently,' &c.

अवोभूये	अवोभूयावहि	अवोभूयामहि
अवोभूयेथाम्	अवोभूयेथां	अवोभूयेध्वं
अवोभूयेत	अवोभूयेतां	अवोभूयेन्त

Second preterite, 'I was frequently,' &c.

वोभूयाञ्चक्रे	वोभूयाञ्चकृवहे	वोभूयाञ्चकृमहे
वोभूयाञ्चकृषे	वोभूयाञ्चक्राथे	वोभूयाञ्चकृध्वे
वोभूयाञ्चक्रे	वोभूयाञ्चक्राते	वोभूयाञ्चक्रिरे

First future, 'I will be frequently,' &c.

वोभूयिताहे	वोभूयितास्वहे	वोभूयितास्महे
वोभूयितासे	वोभूयितासाथे	वोभूयिताध्वे
वोभूयिता	वोभूयितारौ	वोभूयितारस्

Second future, 'I will or shall be frequently,' &c.

वोभूयिष्ये	वोभूयिष्यावहे	वोभूयिष्यामहे
वोभूयिष्यसे	वोभूयिष्येथे	वोभूयिष्यध्वे
वोभूयिष्यते	वोभूयिष्येते	वोभूयिष्यन्ते

Third preterite, 'I was frequently,' &c.

अवोभूयिषि	अवोभूयिष्वहि	अवोभूयिष्वमहि
अवोभूयिष्याम्	अवोभूयिष्याथां	अवोभूयिष्वध्वं or -द्धं
अवोभूयिष्य	अवोभूयिष्यातां	अवोभूयिष्यत

Benedictive, ' May I be frequently,' &c.

बोभूयिषीय	बोभूयिषीवहि	बोभूयिषीमहि
बोभूयिषीष्टास्	बोभूयिषीयास्थां	बोभूयिषीध्वं or -द्वं
बोभूयिषीष्ट	बोभूयिषीयास्तां	बोभूयिषीरन्

Conditional, ' I should be frequently.'

अबोभूयिष्ये	अबोभूयिष्यावहि	अबोभूयिष्यामहि
अबोभूयिष्यथास्	अबोभूयिष्येथां	अबोभूयिष्यध्वं or -द्वं
अबोभूयिष्यत	अबोभूयिष्येतां	अबोभूयिष्यन्त

707.

PARASMAI-PADA FORM (514).

Present, ' I am frequently,' &c.

बोभवीमि or बोभोमि	बोभूवस्	बोभूमस्
बोभवीषि or बोभोषि	बोभूयस्	बोभूय
बोभवीति or बोभोति	बोभूतस्	बोभुवति

Potential, ' I may be frequently,' &c.

बोभूयां	बोभूयाव	बोभूयाम
बोभूयास्	बोभूयातं	बोभूयात
बोभूयात्	बोभूयातां	बोभूयुस्

Imperative, ' May I be frequently,' &c.

बोभवानि	बोभवाव	बोभवाम
बोभूहि	बोभूतं	बोभूत
बोभवीतु or बोभोतु	बोभूतां	बोभुवतु

First preterite, ' I was frequently,' &c.

अबोभवम्	अबोभूव	अबोभूम
अबोभवीस् or अबोभोस्	अबोभूतं	अबोभूत
अबोभवीत् or अबोभोत्	अबोभूतां	अबोभवुस्

Second preterite, ' I was frequently,' &c.

बोभुवाम्भूव, &c.	बोभुवाम्भूविव, &c.	बोभुवाम्भूविम, &c.
or	or	or
बोभाव or बोभूव	बोभुविव or बोभूविव	बोभुविम or बोभूविम
बोभूविव	बोभुवयुस् or बोभूवयुस्	बोभुव or बोभूव
बोभाव or बोभूव	बोभुवतुस् or बोभूवतुस्	बोभुवुस् or बोभूवुस्

First future, ' I will be frequently,' &c.

बोभवितास्मि	बोभवितास्वस्	बोभवितास्मस्
बोभवितासि	बोभवितास्थस्	बोभवितास्थ
बोभविता	बोभवितारौ	बोभवितारस्

Second future, 'I will or shall be frequently,' &c.

बोभविष्यामि	बोभविष्यावम्	बोभविष्यामस्
बोभविष्यसि	बोभविष्यथस्	बोभविष्यथ
बोभविष्यति	बोभविष्यतस्	बोभविष्यन्ति

Third preterite, 'I was frequently,' &c.

अबोभूवम्	अबोभूव	अबोभूव
अबोभूस्	अबोभूतं	अबोभूत
अबोभूत्	अबोभूतां	अबोभूवन्
or	or	or
अबोभाविष्यम्	अबोभाविष्य	अबोभाविष्य
अबोभावीस्	अबोभाविष्टं	अबोभाविष्ट
अबोभावीत्	अबोभाविष्टां	अबोभाविषुस्

Benedictive, 'May I be frequently,' &c.

बोभूयासं	बोभूयास्व	बोभूयास्त
बोभूयास्	बोभूयास्तं	बोभूयास्त
बोभूयात्	बोभूयास्तां	बोभूयासुस्

Conditional, 'I should be frequently,' &c.

अबोभविष्यम्	अबोभविष्याव	अबोभविष्याम
अबोभविष्यस्	अबोभविष्यतं	अबोभविष्यत
अबोभविष्यत्	अबोभविष्यतां	अबोभविष्यन्

708. Root हन् 'to kill' (318, 654). Parasmai form of Frequentative. Pres. जहन्मि or जहन्मीमि, जहंसि or जहन्मीपि, जहन्ति or जहन्तीति; जहन्वस्, जहथस्, जहतस्; जहन्मस्, जहथ, जहन्ति or जंगति. Pot. जहन्त्यां, &c. Imp. जहन्मि, जंहहि, जहन्तु or जहन्तीतु; जहन्वाव, जहतं, -तां; जहन्माम, जहत, जहनतु or जंगतु. 1st Pret. अजहन्मं, अजहन् or अजहन्मीस्, अजहन् or अजहन्तीत्; अजहन्व, अजहतं, -तां; अजहन्म, अजहत, अजहन्तुस् or अजंगुस्. 2d Pret. जहन्मास्रभूव or जहन्माञ्चकार, &c. &c.

709. Root गम् 'to go' (602, 270). Parasmai form of Frequentative. Pres. जङ्गन्मि or जङ्गमीमि, जङ्गंसि or जङ्गमीपि, जङ्गन्ति or जङ्गतीति; जङ्गन्वस्, जङ्गथस्, जङ्गतस्; जङ्गन्मस्, जङ्गथ, जङ्गन्ति or जंगन्ति. Pot. जङ्गन्त्यां, &c. Imp. जङ्गन्मि, जङ्गहि, जङ्गन्तु or जङ्गतीतु; जङ्गन्वाव, जगतं, जगतां; जङ्गन्माम, जगत, जङ्गतु or जंगतु. 1st Pret. अजङ्गमं, अजङ्गन् or अजङ्गमीस्, अजङ्गन् or अजङ्गतीत्; अजङ्गन्व, अजगतं, -तां; अजङ्गन्म, अजगत, अजङ्गन्तुस् or अजंगुस्. 2d Pret. जङ्गन्मास्रभूव or जङ्गन्माञ्चकार, &c. &c.

710. Root क्षिप् 'to throw' (635). Parasmai form of Frequentative. Pres. चेक्षेमि or चेक्षिपीमि, चेक्षेसि or चेक्षिपीपि, चेक्षेमि or चेक्षिपीति;

चेक्षिष्वस्, चेक्षिष्यस्, चेक्षिमस्; चेक्षिष्वस्, चेक्षिष्य, चेक्षिपति. Pot. चेक्षिष्यां, &c. Imp. चेक्षेपाणि, चेक्षिभि, चेक्षेभु or चेक्षिपीतु; चेक्षेपाव, चेक्षिमं, -मां; चेक्षेपाम, चेक्षिम, चेक्षिपतु. 1st Pret. अचेक्षेयं, अचेक्षेप् or अचेक्षिपीस्, अचेक्षेप् or अचेक्षिपीत्; अचेक्षिष्व, अचेक्षिमं, -मां; अचेक्षिष्व, अचेक्षिम, अचेक्षिपुस्. 2d Pret. चेक्षिषाम्भूव or चेक्षिषाच्चकार, &c. &c.

711. Root ग्रह् 'to take' (699, 359). Parasmai form of Frequentative. Pres. जाग्रन्ति or जाग्रहीमि, जाग्रन्ति (306. a) or जाग्रहीमि, जाग्रन्ति (305. a) or जाग्रहीति; जागृह्स्, जागृढस्, जागृढस्; जागृह्स्, जागृढ, जागृहति. Pot. जागृह्यां. Imp. जाग्रहाणि, जागृढि, जाग्रदु or जाग्रहीतु; जाग्रहाव, जागृढं, -ढां; जाग्रहाम, जागृढ, जागृहतु. 1st Pret. अजाग्रहं, अजाग्रद् (292. a, 43. c) or अजाग्रहीस्, अजाग्रद् or अजाग्रहीत्; अजागृह्, अजागृढं, -ढां; अजागृह्, अजागृढ, अजागृह्स् (330), &c.

CHAPTER VII.

INDECLINABLE WORDS.

ADVERBS.

712. ADVERBS, like nouns and verbs, may be divided into simple and compound. The latter are treated of in the next Chapter on Compound Words.

Simple adverbs may be classed under four heads; 1st, as formed from the cases of nouns; 2dly, adverbs of less obvious derivation; 3dly, adverbial affixes; 4thly, adverbial prefixes.

Adverbs formed from the Cases of Nouns.

The following cases of nouns are used adverbially:

713. The nominative or accusative neuter of any adjective.

As, सत्यं 'truly; बहु 'much; शीघ्रं, क्षिप्रं, 'quickly; युक्तं 'fitly; समीपं 'near; लघु 'lightly; निर्भरं, अत्यन्तं, गाढं, भृशं, 'exceedingly; अवश्यं 'certainly; नित्यं 'constantly; चिरं 'for a long while; बलवत् 'strongly; भूयस् 'again,' 'repeatedly' (194); केवलं 'only,' 'merely.'

a. The nom. or acc. neuter of certain pronouns; as, तत् 'therefore,' 'then; यत् 'wherefore,' 'when; तावत् 'so long,' 'so soon; यावत् 'as long as,' 'as soon as; किम् 'why?'

b. The nom. or acc. neuter of certain substantives and obsolete words; as, रहस् 'secretly; कामं 'willingly; स्वयं 'of one's own accord,' 'of one's self,' 'spon-

taneously; नाम 'by name,' 'that is to say;' वारं वारं 'repeatedly;' चिरं 'long ago;' सुखं 'pleasantly;' साम्प्रतं 'now;' नक्तं 'by night' (*noctu*).

714. The instrumental case of nouns and pronouns.

As, धर्मेण 'virtuously;' दक्षिणेन 'southwards' or 'to the right;' उत्तरेण 'northwards;' व्यतिरेकेण 'without;' उच्चैस् 'above;' नीचैस् 'below;' शनैस् 'slowly;' तेन 'therefore;' येन 'wherefore.' The instr. case of certain obsolete nouns; as, चिरेण 'for a long time;' अचिरेण 'in a short time;' दिवा 'by day;' दिष्ट्या 'fortunately;' सहसा, अञ्जसा, 'quickly;' अधुना 'now.'

715. The ablative case of nouns and pronouns.

As, बलात् 'forcibly;' हर्षात् 'joyfully;' दूरात् 'at a distance;' तस्मात् 'therefore;' कस्मात् 'wherefore?' अकस्मात् 'without cause,' 'unexpectedly;' उत्तरात् 'from the north:' and of a few obsolete nouns; as, चिरात् 'for a long time;' पश्चात् 'afterwards;' तत्क्षणात् 'at that instant.'

716. The locative case of a few nouns and obsolete words.

As, रात्रौ 'at night;' दूरे 'far off;' प्रभाते 'in the morning;' प्राह्णे 'in the forenoon;' स्थाने 'suitably;' अग्रे 'in front;' एकपदे 'at once;' सपदि 'instantly;' अन्तरे 'within.'

Adverbs of less obvious Derivation.

717. Of affirmation.—नूनं, खलु, किल, एव, 'indeed;' अपि 'even.'

a. Of negation.—न, नो, नहि, 'not.' मा, मास्, are prohibitive; as, मा कुरु, मा कार्षीस्, 'do not.' See 88g.

b. Of interrogation.—किम्, किन्तु, कश्चित्, नु, ननु, किमुह, 'whether?'

c. Of comparison.—इव 'like;' एव, एवं, 'so;' किम्पुनर् 'how much rather;' तथैव (तथा + एव) 'in like manner.'

d. Of quantity.—अतीव 'exceedingly;' ईपत् 'a little;' सकृत् 'once;' असकृत्, पुनः पुनर्, मुहुस्, 'repeatedly.'

e. Of manner.—इति, एवं, 'so,' 'thus;' पुनर् 'again;' प्रायस् 'for the most part;' नाना 'variously;' पृथक् 'separately;' मिथ्या 'falsely;' वृथा, मुधा, 'in vain;' अलं 'enough;' ऋदिति, आशु (cf. ὠκύς), 'quickly;' तूष्णीं 'silently;' मिथस् 'reciprocally,' 'together.'

f. Of time.—अद्य 'to-day,' 'now;' इदानीं, सम्प्रति, 'now;' तदानीं, तर्हि, 'then;' पुरा 'formerly;' पुरस्, पुरस्तात्, प्राक्, 'before;' युगपत् 'at once;' सद्यस् 'instantly;' प्रेत्य 'after death;' परे 'afterwards;' जातु 'ever;' न जातु 'never;' अन्येद्युस्, परेद्युस्, 'another day,' 'next day.'

g. Of place.—इह 'here;' क्व 'where?' वहिस् 'without.'

h. Of doubt.—किंस्वित्, अपिनाम, 'perhaps.'

Adverbial Affixes.

718. चित् *chit*, अपि *api*, and चन *chana*, may form *indefinite* adverbs of time and place, when affixed to interrogative adverbs.

As, from कदा 'when?' कदाचित्, कदापि, and कदाचन, 'sometimes;' from कुत्र and क्व 'where?' कुत्रचित्, कुत्रापि, क्वचित्, क्वापि, 'somewhere;' from कुतस् 'whence?' कुतश्चित् and कुतश्चन 'from somewhere;' from कति 'how many?' कतिचित् 'a few;' from कर्हि 'when?' कर्हिचित् 'at some time;' from कथं 'how?' कथमपि, कथञ्चन, 'somehow or other,' 'with some difficulty.' Compare 228, 230.

719. तस् *tas* (changeable to तः or तो by 63, 64) may be added to any noun, and to some pronouns, to form adverbs.

As, from यत्न, यत्नतस् 'with effort;' from आदि, आदितस् 'from the beginning;' from त (the proper base of the pronoun तद्), ततस् 'thence,' 'then,' 'thereupon,' 'therefore:' similarly, यतस् 'whence,' 'since,' 'because;' अतस्, इतस् 'hence,' 'hereupon.'

a. This affix usually gives the sense of the prepositions *with* and *from*, and is often equivalent to the ablative case; as in मत्तस् 'from me;' त्वत्तस् 'from thee *;' पितृतस् 'from the father;' शत्रुतस् 'from an enemy.'

b. But it is sometimes vaguely employed to express other relations; as, पृष्ठतस् 'behind the back;' अन्यतस् 'to another place,' 'elsewhere;' प्रथमतस् 'in the first place;' इतस्ततस् 'here and there,' 'hither and thither;' समन्ततस् 'on all sides;' पुरतस्, अग्रतस्, 'in front;' अभितस् 'near to;' विभवतस् 'in pomp or state.'

720. त् *tra*, forming adverbs of *place*.

As, अत्र 'here;' तत्र 'there;' कुत्र 'where?' यत्र 'where;' सर्वत्र 'every where;' अन्यत्र 'in another place;' एकत्र 'in one place;' बहुत्र 'in many places;' अमुत्र 'there,' 'in the next world.'

721. था *thá* and थं *tham*, forming adverbs of *manner*.

As, तथा 'so,' 'in like manner;' यथा 'as;' सर्वथा 'in every way,' 'by all means;' अन्यथा 'otherwise;' कथं 'how?' इत्थं 'thus.'

722. दा *dá*, forming adverbs of *time* from pronouns, &c.

As, तदा 'then;' यदा 'when;' कदा 'when?' एकदा 'once;' नित्यदा 'constantly;' सर्वदा, सदा, 'always.'

723. धा *dhá*, forming adverbs of *distribution* from numerals.

As, एकधा 'in one way;' द्विधा 'in two ways;' षोधा 'in six ways;' शतधा 'in a hundred ways;' सहस्रधा 'in a thousand ways;' बहुधा or अनेकधा 'in many ways.'

* In fact, these are the forms generally used for the ablative case of the personal pronouns, the proper ablative cases मत्, त्वत्, being rarely used, except as substitutes for the crude base, in compound words.

724. वत् *vat* may be added to any noun to form adverbs of *comparison* or *similitude*.

As, from सूर्य, सूर्यवत् 'like the sun;' from पूर्व, पूर्ववत् 'as before.' It may be used in connexion with a word in the accusative case. See 918.

a. This affix sometimes expresses 'according to;' as, विधिवत् 'according to rule;' प्रयोजनवत् 'according to need.'

725. शस् *śas*, forming adverbs of *quantity*.

As, बहुशस् 'abundantly;' अल्पशस् 'in small quantities;' एकशस् 'singly;' शतसहस्रशस् 'by hundreds and thousands;' क्रमशस् 'by degrees.'

Adverbial Prefixes.

726. अ *a*, prefixed to nouns and even to participles with a privative or negative force, corresponding to the Greek *a*, the Latin *in*, and the English 'in,' 'im,' 'un;' as, from शक्य 'possible,' अशक्य 'impossible;' from स्पृशत् 'touching' (pres. part.), अस्पृशत् 'not touching;' from कृत्वा 'having done' (indecl. part.), अकृत्वा 'not having done.' When a word begins with a vowel, अन् is euphonically substituted; as, अन्न 'end;' अनन्त 'endless.'

a. अति *ati*, 'excessively,' 'very;' as, अतिमहत् 'very great.'

b. आ *á*, prefixed to imply 'diminution;' as, आपारुद् 'somewhat pale.' ईषत् is prefixed with the same sense.

c. का *ká* or कु *ku*, prefixed to words to imply 'disparagement;' as, कापुरुष 'a coward;' कुरुष 'deformed.'

d. दुर् *dur*, prefixed to imply 'badly' or 'with difficulty;' as, दुष्कृत 'badly done' (see 72); दुर्भेद्य 'not easily broken.' It is opposed to सु, and corresponds to the Greek *δυσ*.

e. निर् *nir* and वि *vi* are prefixed to nouns like अ *a* with a privative or negative sense; as, निर्बल 'powerless;' निष्फल 'without fruit' (see 72); विशस्त्र 'unarmed:' but not to participles.

f. सु *su*, prefixed to imply 'well,' 'easily;' as, सुकृत 'well done;' सुभेद्य 'easily broken.' In this sense it is opposed to दुर्, and corresponds to the Greek *εὖ*. It is also used for अति, to imply 'very,' 'excessively;' as, सुमहत् 'very great.'

CONJUNCTIONS.

Copulative.

727. च *cha*, 'and,' 'also,' corresponding to the Latin *que* and not to *et*. It can never, therefore, stand as the *first word* in a sentence, but follows the word of which it is the copulative.

a. तथा 'so,' 'in like manner' (see 721), is not unfrequently used for च, as a kind of copulative conjunction; and like च is generally placed after the word which it connects with another.

b. हि 'for,' like च, is always placed after its word, and never admitted to the first place in a sentence. यदि, चेत्, 'if;' ततस् 'upon that,' 'then' (see 719). अन्यच्च, किञ्च, अपरञ्च, परञ्च, अपिच, 'again,' 'moreover,' used very commonly before quotations. चैव 'also.'

c. अथ 'then,' 'now,' is used as an inceptive particle at the commencement of sentences or narratives. It is opposed to इति, which marks the close of a story or chapter.

Disjunctive.

728. वा *vá*, 'or,' corresponds to the Latin *ve*, and is always placed after its word, being never admitted to the first place in a sentence.

a. तु, किन्तु, 'but;' the former is placed after its word.

b. यद्यपि 'although;' तथापि 'nevertheless,' 'yet,' sometimes used as a correlative to the last; अथवा, किम्वा, 'or else;' नवा 'or not;' यदिवा 'whether,' 'whether or no.'

c. अथवा may also be used to correct or qualify a previous thought, when it is equivalent to 'but,' 'yet,' 'however.'

d. स्म, ह, तु, वै, are expletives, often used in poetry to fill up the verse.

PREPOSITIONS.

729. There are a great many prepositions in Sanskrit, but they are generally found as inseparable prefixes, qualifying the sense of roots, and the nouns and verbs derived from roots; see 783. Only three, out of the list of prepositions at 783, are commonly used in government with nouns; viz. आ *á*, प्रति *prati*, and अनु *anu*; and of these the two last are rarely so used, except as *postpositions*.

730. आ *á*, generally signifying 'as far as,' 'up to,' 'until,' with an ablative case; as, आसमुद्रात् 'as far as the ocean;' आमनोस् 'up to Manu:' and rarely with an accusative; as, शतम् आज्ञातीस् 'for a hundred births.'

a. आ *á* may sometimes express 'from;' as, आमूलात् 'from the beginning;' आप्रथमदर्शनात् 'from the first sight.'

b. प्रति *prati*, generally signifying 'at,' 'about,' 'with regard to,' 'to,' 'towards,' 'against,' with an accusative; as, गङ्गां प्रति 'at the Ganges;' धर्मं प्रति 'with regard to justice;' शत्रुं प्रति 'against an

enemy.' It sometimes has the force of *apud*; as, मां प्रति, '*apud me*,' 'as far as regards me.'

c. अनु *anu*, 'after,' with an accusative; as, तदनु 'after that.'

d. प्रति, and more rarely अनु, may be used distributively to signify 'each,' 'every.' They are then prefixed; thus, प्रतिवत्सरं or अनुवत्सरं 'every year,' 'year by year.'

e. Observe—The preposition आ is generally not separated from the word which it governs, and may be regarded as forming with it a kind of adverbial compound. Instances are not uncommon of other prepositions united in composition with the neuter form or accusative case of nouns; as, प्रतिस्कन्धं 'upon the shoulders;' प्रतिमुखं 'face to face;' अधिवृक्षं 'upon the tree;' अनुगङ्गं 'along the Ganges.' See 760. b.

ADVERBS USED AS PREPOSITIONS IN GOVERNMENT WITH NOUNS.

731. There are certain adverbs used as prepositions in government with nouns, but generally placed after the nouns which they govern.

a. These are, च्युते 'besides,' with the accusative and sometimes ablative case. यावत् 'up to,' 'as far as,' sometimes found with the accusative. सह, साद्धं, 'with,' 'along with,' with the instrumental. विना 'without,' with the instrumental or accusative, or sometimes the ablative. वहिर् 'out;' प्रभृति, '*inde a*,' 'from a particular time,' with the ablative, or placed after the crude base. अर्थं, अर्थे, हेतोस्, हेतौ, कृते, निमित्ते, 'on account of,' 'for the sake of,' 'for,' with the genitive, or usually placed after the crude base*; उपरि, ऊर्द्धं, 'above,' 'over,' 'upon' (cf. *ὑπέρ*, *super*), with the genitive: so अधस् or अधस्तात् 'below;' अनन्तरं 'after,' 'afterwards;' समीपं, सकाशं, 'near;' सकाशात् 'from;' अग्रे, पुरतस्, समक्षं, साक्षात्, 'before the eyes,' 'in the presence of;' पश्चात् 'after:' all with the genitive. प्राक्, पूर्वं, 'before,' with ablative or genitive; परं, अर्वाक्, ऊर्द्धं, 'after,' with the ablative; अन्तरेण 'without,' 'except,' 'with regard to,' with the genitive or accusative; अन्तर् 'within,' with the genitive. All the above may be placed after the crude base. उपरि and अधस् are sometimes doubled; thus, उपर्युपरि, अधोऽधस्.

b. Some of the adverbs enumerated at 714, 715, may be used in government with the cases of nouns; thus, दक्षिणेन, 'to the south' or 'to the right,' may govern a genitive case; व्यतिरकेण, 'without,' is placed after the crude base.

* अर्थं is almost always found in composition with a crude base, and may even be compounded adjectively to agree with another noun; as, द्विजार्थः सूपस् 'broth for the Bráhmaṇ;' द्विजार्थं पयस् 'milk for the Bráhmaṇ.' See 760.

INTERJECTIONS.

732. भोस्, भो, हे, are vocative ; रे, अरे, less respectfully vocative, or sometimes expressive of 'contempt.' धिक् expresses 'contempt,' 'abhorrence ;' आस्, अहो, अहह, 'surprise,' 'alarm ;' हा, हाहा, अहो, अहोवत्, 'grief ;' साधु, सुदु, 'approbation ;' स्वस्ति, 'salutation.'

CHAPTER VIII.

COMPOUND WORDS.

733. COMPOUNDS abound in Sanskrit to a degree wholly unequalled in any other language, and it becomes necessary to study the principles on which they are constructed, before the learner can hope to understand the simplest sentence in the most elementary book. In the foregoing chapters we have treated of simple nouns, simple verbs, and simple adverbs. We have now to treat of compound nouns, compound verbs, and compound adverbs.

a. Observe, that in this chapter the nom. case, and not the base, of a substantive terminating a compound will be given ; and in the instance of an adjective forming the last member of a compound, the nom. case masc., fem., and neut. The examples are chiefly taken from the Hitopadeśa, and sometimes the oblique cases in which they are there found have been retained. A dot placed underneath marks the division of the words in a compound.

SECTION I.

COMPOUND NOUNS.

734. The student has now arrived at that portion of the subject in which the use of the base of the noun becomes most strikingly apparent. This use has been already noticed at 77, p. 42 ; and its formation explained at pp. 44—53. In all compound nouns (with some few exceptions) the last word alone admits of declension, and the preceding word or words require to be placed in the crude form or base, to which a plural as well as singular signification may be attributed.

a. It may here be noted, that while Sanskrit generally exhibits the first member or members of a compound in the crude base with the final letter unchanged, excepting by the laws of euphony, Latin frequently and Greek less frequently change the final vowel of the base into the light vowel *i* ; and both

Greek and Latin often make use of a vowel of conjunction, which in Greek is generally *e*, but occasionally *i*: thus, *caeli-cola* for *caelu-cola* or *caelo-cola*; *lani-ger* for *lana-ger*; *χαλκί-ναος*, *ἰχθυο-ε-φάγος*, *faeder-i-fragus*. Both Greek and Latin, however, possess many compounds which are completely analogous to Sanskrit formations. In English we have occasional examples of the use of a vowel of conjunction, as in 'handicraft' for 'hand-craft.'

735. Native grammarians class compound nouns under six heads: the 1st they call TAT-PURUSHA *, or those composed of two nouns, the first of which (being in the crude base) would be, if uncompounded, in a case different from, or dependent on, the last; as, चन्द्र-प्रभा 'moon-light' (for चन्द्रस्य प्रभा 'the light of the moon'); शस्त्र-कुशलम्, -ला, -लं, 'skilled in arms' (for शस्त्रेषु कुशलम्); मणि-भूषितम्, -ता, -तं, 'adorned with gems' (for मणिभिर् भूषितम्). The 2d, DWANDWA, or those formed by the aggregation into one compound of two or more nouns (the last word being, according to circumstances, either in the dual, plural, or neuter singular, and the preceding word or words being in the crude base), when, if uncompounded, they would all be in the same case, connected by a copulative conjunction; as, गुरु-शिष्यौ 'master and pupil' (for गुरुः शिष्यश्च); मरण-व्याधि-शोकाम् 'death, sickness, and sorrow' (for मरणं व्याधिः शोकश्च); पाणि-पादं 'hand and foot' (for पाणिः पादश्च). The 3d, KARMA-DHÁRAYA, or those composed of an adjective or participle and substantive, the adjective or participle being placed first in its crude base, when, if uncompounded, it would be in grammatical concord with the substantive; as, साधु-शीलम् 'a good disposition' (for साधुः शीलम्); सर्व-द्रव्याणि 'all things' (for सर्वानि द्रव्याणि). The 4th, DWIGU, or those in which a numeral in its crude base is compounded with a noun, either so as to form a singular collective noun, or an adjective; as, त्रि-गुणं 'three qualities' (for त्रयो गुणाम्); त्रि-गुणम्, -णा, -णं, 'possessing the three qualities.' The 5th, BAHU-VRÍHI, or those formed of any number

* These names either furnish examples of the several kinds of compounds, or give some sort of definition of them: thus, तत्पुरुषः, 'his servant,' is an example of the 1st kind (for तस्य पुरुषः); द्वन्द्वः is a definition of the 2d kind, meaning 'conjunction'; कर्मधारयः is a definition of the 3d kind, i. e. 'containing the object' (कर्म); द्विगुः is an example of the 4th kind, meaning 'any thing to the value of two cows'; बहुव्रीहिः is an example of the 5th kind, meaning 'possessed of much rice.' The 6th class, अव्ययीभावः *avyayibhāvah*, means 'the indeclinable state.'

of words associated to form an epithet to a noun ; as, चन्द्रप्रभम्, -भा, -भं, 'brilliant as the moon ;' मरणव्याधिशोकम्, -का, -कं, 'liable to death, sickness, and sorrow ;' माधुशीलम्, -ला, -लं, 'well-disposed.' The 6th, AVYAYÍ-BHÁVA, or those resulting from the combination of a preposition or adverbial prefix with a noun ; the latter, whatever may be its gender, always taking the form of an accusative neuter.

736. Such then, in brief, is the native division of compound words, a division leading to some confusion, from the incompleteness and want of sufficient comprehensiveness in the definitions, and the absence of sufficient distinctness and opposition between the several parts or members of the division. For it is plain, from the examples given, that the 5th class of compounds may often be regarded as another name for the first three, when they take the form of adjectives declinable in three genders ; and that the second species of the 4th class is for this reason referrible to the 5th. The student, moreover, finds it difficult to understand why, if the definition of the 5th class of compounds be, that they are epithets of other nouns, such compounds as शस्त्रकुशल and मणिभूषित should not be comprehended under it. And further, he is often at a loss to refer a compound to its proper head *, from the inadequacy of the definitions to express all the cases included under each class.

In the following pages the subject is discussed according to a different method, although it has been thought desirable to keep the native arrangement in view.

737. Compound nouns may be regarded either as *simply* or *complexly* compounded. The latter have reference to a class of compounds within compounds, very prevalent in poetry, involving two or three species of simple compounds under one head.

SIMPLY COMPOUNDED NOUNS.

738. These will be divided into, 1st, Dependent compounds or compounds dependent in case (corresponding to *Tat-purusha*) ; 2d, Aggregative (*Dwandwa*) ; 3d, Descriptive † (*Karma-dháraya*) ; 4th, Collective (*Dwigu*) ; 5th, Indeclinable or Adverbial (*Avyayí-bháva*) ;

* Ex. gr. such a compound as कृष्णशुक्लम्, -का, -कं, 'any thing black and white.'

† As being composed of an adjective or participle preceding a substantive, and always descriptive of the substantive. Prof. Bopp calls them 'Determinativa,' a word of similar import.

6th, Relative (*Bahu-vrīhi*). This last consists of, *a.* Relative form of absolute Dependent compounds, terminated by substantives; *b.* Relative form of Aggregative compounds; *c.* Relative form of Descriptive compounds; *d.* Relative form of Collective compounds; *e.* Relative form of Adverbial compounds.

DEPENDENT COMPOUNDS (TAT-PURUSHA).

Accusatively Dependent.

739. These comprehend all those compounds in which the relation of the first word (being in the crude base) to the last is equivalent to that of an accusative case. They are generally composed of a noun in the first member, and a participle or noun of agency in the last; as, स्वर्गप्राप्तस्, -प्ता, -प्तं, 'one who has obtained heaven' (equivalent to स्वर्गं प्राप्तस्); प्रियवादी 'one who speaks kind words;' बहुदम् 'one who gives much;' शस्त्रभृत् 'one who bears arms;' पत्रगतस्, -ता, -तं, 'committed to a leaf,' 'committed to paper' (as 'writing'); चित्रगतस्, -ता, -तं, 'committed to painting.'

a. Observe—गत 'gone' (past pass. part. of गम् 'to go') is used loosely at the end of compounds of this description to express relationship and connexion, without any necessary implication of motion. In the above compound, and in many others (such as शिलाभेदगतो मणिस् 'a jewel lying in the cleft of a rock;' हस्ततलगतस्, -ता, -तं, 'lying in the palm of the hand'), it has the sense of स्य 'staying:' but it may often have other senses; as, गोष्ठीगतस्, -ता, -तं, 'engaged in conversation;' सखीगतं किञ्चित् 'something relating to a friend.' In theatrical language आत्मगतं and स्वगतं (lit. 'gone to one's self') mean 'spoken to one's self,' 'aside.'

b. Before the nouns of agency the accusative case is often retained, especially in poetry; as, अरिन्दमस्, -मा, -मं, 'enemy-subduing;' हृदयङ्गमस्, -मा, -मं, 'heart-touching;' भयङ्करस्, -रा, -रं, 'fear-inspiring' (see 580).

Instrumentally Dependent,

740. Or those in which the relation of the first word (being in the crude base) to the last is equivalent to that of an instrumental case. These are very common, and are, for the most part, composed of a substantive in the first member, and a passive participle in the last; as, लोभभोहितस्, -ता, -तं, 'beguiled by avarice' (for लोभेन बोहित); वस्त्रवेष्टितस्, -ता, -तं, 'covered with clothes;' राजपूजितस्, -ता, -तं, 'honoured by kings;' विद्याहीनस्, -ता, -तं, 'deserted by (i. e. destitute of) learning;' बुद्धिरहितस्, -ता, -तं, 'destitute of intelligence;'

दुःखार्त्तम्, -त्ता, -त्तं, 'pained with grief;' आत्मकृतम्, -ता, -तं, 'done by one's self;' आदित्यमदृशम्, -शी, -शं, 'like the sun' (for आदित्येन सदृशम्, see 826); अस्मदुपाजितम्, -ता, -तं, 'acquired by us.'

a. Sometimes, but rarely, this kind of compound contains a substantive or noun of agency in the last member; as, विद्याधनं 'money acquired by science;' शस्त्रोपजीवी 'one who lives by arms.'

Datively Dependent,

741. Or those in which the relation of the first word to the last is equivalent to that of a dative; as, परिधानवल्कलं 'bark for clothing;' पापोदकं 'water for the feet;' यूपदारुम् 'wood for a stake;' शरणागतम्, -ता, -तं, 'come for protection' (for शरणाय आगत). This kind of compound is rare, and is generally supplied by the use of अर्थं (731. a); as, शरणार्थम् आगतम्.

Ablatively Dependent,

742. Or those in which the relation of the first word to the last is equivalent to that of an ablative; as, पितृप्राप्तम्, -त्ता, -तं, 'received from a father;' राज्यभङ्गम्, -ष्टा, -ष्टं, 'fallen from the kingdom' (for राज्याद् भङ्गम्); तरङ्गचञ्चलतरम्, -रा, -रं, 'more changeable than a wave;' भवदन्त्यम् 'other than you' (for भवतोऽन्त्यम्); भवद्भयं 'fear of you' (814. d); शास्त्रपराङ्मुखम्, -खी, -खं, 'turning the face from books,' 'averse to study.'

Genitively Dependent,

743. Or those in which the relation of the first word to the last is equivalent to that of a genitive. These are the most common of all dependent compounds, and may generally be expressed by a similar compound in English. They are for the most part composed of two substantives; as, समुद्रतीरं 'sea-shore' (for समुद्रस्य तीरं 'shore of the sea').

a. Other examples are, अश्वपृष्ठं 'horse-back;' धनुर्गुणम् 'bow-string;' इष्टिकागृहं 'brick-house;' गिरिनदी 'mountain-torrent;' जलतीरं 'water's edge;' अर्थागमम् or अर्थोपार्जना 'acquisition of wealth;' विपद्गशा 'state of misfortune;' सुहृद्भेदम् 'separation of friends;' यन्मूर्ध्नि 'on whose brow' (loc. c.); तद्बचम् 'his words;' जन्मस्थानं or जन्मभूमिम् 'birth-place;' मूर्खशतैस् 'with hundreds of fools' (instrum. c. plur.); श्लोकद्वयं 'a couple of Ślokas;' भूतलं 'the surface of the earth;' पृथिवीपतिस् 'lord of the earth;' तज्जीवनाय 'for his support' (dat. c.); ब्राह्मणपुत्रास् 'the sons of a Brāhman;' अस्मदपुत्रास् 'our sons;' त्वत्कर्म 'thy deed;' पितृवचनं 'a father's speech;' मृत्युद्वारं 'the gate of death;' इच्छान्मप्यत् 'fulfilment

of wishes; 'मातृनन्दम्' 'a mother's joy;' 'जलाशयम्' 'a receptacle of water,' 'a lake;' 'विद्यार्थी' 'seeker of knowledge,' 'a scholar.'

b. Sometimes an adjective in the superlative degree, used substantively, occupies the last place in the compound; as, 'नरश्रेष्ठम्' or 'पुरोधनम्' 'the best of men.'

c. In a few instances the genitive case is retained; as, 'विशाम्यतिस्' 'lord of men;' 'दिवस्पतिस्' 'lord of the sky.'

Locatively Dependent,

744. Or those in which the relation of the first word to the last is equivalent to that of a locative case; as, 'पङ्कमग्नस्, -ग्ना, -ग्नं,' 'sunk in the mud' (for 'पङ्के मग्न'); 'गगणविहारी' 'sporting in the sky;' 'जलक्रीडा' 'sport in the water;' 'ग्रामवासी' 'a dweller in a village;' 'जलचरम्' 'going in the water;' 'जलजम्' 'born in the water;' 'शिरोरत्नं' 'gem on the head.'

a. It is not unusual to retain the locative case, especially before nouns of agency; as, 'ग्रामेवासी' 'a villager;' 'जलेचरम्' 'going in the water;' 'उरसिभूषितम्, -ता, -तं,' 'ornamented on the breast.'

Dependent in more than one Case.

745. Dependent compounds do not always consist of two words. They may be composed of almost any number of nouns, all depending upon each other, in the manner that one case depends upon another in a sentence; thus, 'चक्षुर्विषयातिक्रान्तम्, -न्ता, -न्तं,' 'passed beyond the range of the eye' (for 'चक्षुषो विषयम् अतिक्रान्तम्'); 'रथमध्यस्थम्' 'standing in the middle of the chariot;' 'भीतपरित्वाणवस्तपालम्भपरिदत्तम्' 'skilful in censuring the means of rescuing those in danger.'

a. There is an anomalous form of Tat-purusha compound, which is really the result of the elision of the second or middle member (*uttara-pada-lopa*, *madhyama-pada-lopa*) of a complex compound; thus, 'अभिज्ञानशकुन्तला' 'token-Sakuntalá' for 'अभिज्ञानस्मृतशकुन्तला' 'Sakuntalá (recognised) by the token.'

b. Dependent compounds abound in all the cognate languages. The following are examples from Greek and Latin; *οἶνο-θήκη*, *οἶκο-φύλαξ*, *λιθό-στρωτος*, *γυναικο-κέρυκτος*, *ἀνθρωπο-διδακτος*, *θεό-δοτος*, *θεό-τρεπτος*, *χειρο-ποίητος*, *auri-fodina*, *manu-pretium*, *parri-cida* for *patri-cida*, *parri-cidium*, *matri-cidium*, *marti-cultor*, *mus-cerda*. English furnishes innumerable examples of dependent compounds, ex. gr. 'ink-stand,' 'snow-drift,' 'moth-eaten,' 'priest-ridden,' 'door-mat,' 'writing-master,' &c.

AGGREGATIVE COMPOUNDS (DWANDWA).

746. This class of compounds has no exact parallel in other languages.

When two or more persons or things are enumerated together, it

is usual in Sanskrit, instead of connecting them by a copulative, to aggregate them into one compound word. No syntactical dependence of one case upon another subsists between the members of Dwandwa compounds, since they must always consist of words which, if uncompounded, would be in the *same* case; and no other grammatical connexion exists than that which would ordinarily be expressed by the use of the copulative conjunction *and* in English, or च in Sanskrit. In fact, the difference between this class and the last turns upon this dependence *in case* of the words compounded on each other; insomuch that the existence or absence of such dependence, as deducible from the context, is, in some cases, the only guide by which the student is enabled to refer the compound to the one head or to the other: thus, गुरुशिष्यसेवकम् may either be a Dependent compound, and mean ‘the servants of the pupils of the Guru,’ or an Aggregative, ‘the Guru, and the pupil, and the servant.’ And मांसशोणितं may either be Dependent, ‘the blood of the flesh,’ or Aggregative, ‘flesh and blood.’ This ambiguity, however, can never occur in aggregatives inflected in the dual, and rarely occasions any practical difficulty.

747. There are three kinds of Aggregative compounds: 1st, inflected in the plural; 2d, inflected in the dual; 3d, inflected in the singular. In the first two cases the final letter of the base of the word terminating the compound determines the declension, and its gender the particular form of declension; in the third case it seems to be a law that this kind of compound cannot be formed unless the last word ends in अ a, or in a vowel changeable to अ a, or in a consonant to which अ a may be subjoined; and the gender is invariably neuter, whatever may be the gender of the final word.

Inflected in the Plural.

748. When *more than two* animate objects are enumerated, the last is inflected in the plural; as, इन्द्रानिलयमाकांस् ‘Indra, Anila, Yama, and Arka’ (for इन्द्रस्, अनिलस्, यमस्, अर्कश्च); रामलक्ष्मणभरतास्, ‘Rāma, Lakshmaṇa, and Bharata;’ मृगव्याधसर्पजूकरास् ‘the deer, the hunter, the serpent, and the hog.’ The learner will observe, that although the last member of the compound is inflected in the plural, each of the members has here a singular acceptation. But a plural signification may often be inherent in some or all of the words

constituting the compound; thus, ब्राह्मणक्षत्रियवैश्यशूद्रास् ‘Brāhmaṇs, Kshatriyas, Vaiśyas, and Śūdras;’ मित्रोदासीनशत्रवस् ‘friends, neutrals, and foes’ (for मित्राणि, उदासीनास्, शत्रवश्च); ऋषिदेवपितृतिथिभूतानि ‘sages, gods, ancestors, guests, and spirits’ (for ऋषयस्, देवास्, पितरस्, अतिथयस्, भूतानि च); सिंहव्याघ्रमहोरगास् ‘lions, tigers, and serpents;’ श्वगृध्रकङ्ककाकोलभामगोमायुचायसास् ‘dogs, vultures, herons, ravens, kites, jackals, and crows.’

749. So also when *more than two* inanimate objects are enumerated, the last may be inflected in the plural; as, धर्मार्थकाममोक्षास् ‘virtue, wealth, enjoyment, and beatitude’ (for धर्मस्, अर्थस्, कामस्, मोक्षश्च); इन्द्राध्ययनदानानि ‘sacrifice, study, and liberality’ (for इन्द्र्या, अध्ययनं, दानं च). In some of the following a plural signification is inherent; as, पुष्पमूलफलानि ‘flowers, roots, and fruits;’ अजातमृतमूर्खाणां ‘of the unborn, the dead, and the foolish’ (for अजातानां, मृतानां, मूर्खाणां च); नेत्रमनःस्वभावास् ‘eyes, mind, and disposition;’ रोगशोकपरितापवन्धनव्यसनानि ‘sickness, sorrow, anguish, bonds, and afflictions;’ काष्ठजलफलमूलमधूनि ‘wood, water, fruit, roots, and honey.’

750. So also when *only two* animate or inanimate objects are enumerated, in which a *plural* signification is inherent, the last is inflected in the plural; as, देवमनुष्यास् ‘gods and men;’ पुत्रपौत्रास् ‘sons and grandsons;’ पातोत्पातास् ‘falls and rises;’ प्राकारपरिखास् ‘ramparts and trenches;’ सुखदुःखेषु ‘in pleasures and pains’ (for सुखेषु, दुःखेषु च); पापपुण्यानि ‘sins and virtues.’

Inflected in the Dual.

751. When *only two* animate objects are enumerated, in each of which a *singular* signification is inherent, the last is inflected in the dual; as, रामलक्ष्मणौ ‘Rāma and Lakshmaṇa’ (for रामस्, लक्ष्मणश्च); चन्द्रसूर्यौ ‘the moon and sun;’ मृगकान्तौ ‘a deer and a crow;’ भार्यापती ‘wife and husband.’

752. So also when *only two* inanimate objects are enumerated, in each of which a *singular* signification is inherent, the last is inflected in the dual; as, आरम्भावसाने ‘beginning and end’ (for आरम्भस्, अवसानं च); अनुरागपररागौ ‘affection and enmity’ (for अनुरागस्, अघरागश्च); हर्षविषादौ ‘joy and sorrow;’ ह्युत्पिपासे ‘hunger and thirst’ (for ह्युत्पिपासा च); ह्युद्धाधी ‘hunger and sickness;’ स्थानासनाभ्यां ‘by standing and sitting’ (for स्थानेन, आसनेन च); मधुमर्षिणी ‘honey and ghee;’ सुखदुःखे ‘pleasure and pain;’ उलूखलमुषले ‘mortar and pestle;’

प्रसुत्यानाभिवादाभ्यां 'by rising and saluting;' मृद्धारिभ्यां 'by earth and water.'

Inflected in the Singular Neuter.

753. When two or more *inanimate* objects are enumerated, whether singular or plural in their signification, the last may either be inflected as above (748, 749, 750, 751), or in the singular number, neut. gender; as, पुष्पमूलफलं 'flowers, roots, and fruits' (for पुष्पाणि, मूलानि, फलानि च); यवसान्नोदकेन्धनं 'grass, food, water, and fuel' (for यवसम्, अन्नं, उदकं, इन्धनं च); अहोरात्रं 'a day and night' (for अहम्, रात्रिश्च); दिग्देशं 'quarters and countries' (for दिशम्, देशाश्च); द्युनिशं 'day and night;' शिरोऽग्रिवं 'head and neck;' चर्ममांसरुधिरं 'skin, flesh, and blood.'

a. Sometimes two or more animate objects are thus compounded; as, पुत्रपौत्रं 'sons and grandsons;' हस्यश्वं 'elephants and horses:' especially inferior objects; as, श्वचाखडालं 'a dog and an outcast.'

754. In enumerating two qualities the opposite of each other, it is common to form a Dwandwa compound of this kind, by doubling an adjective or participle, and interposing the negative अ; as, चराचरं 'moveable and immoveable' (for चरम् अचरं च); शुभाशुभं 'good and evil;' प्रियाप्रिये 'in agreeable and disagreeable' (for प्रिये अप्रिये च); दृष्टादृष्टं 'seen and not seen;' कृताकृतं 'done and not done;' मृदुकूरं 'gentle and cruel.'

a. In the Dwandwas which occur in the Vedas the first member of the compound, as well as the last, may sometimes take a dual termination; thus, मित्राव-रुह्यौ (see 97. a), इन्द्राविष्णू, पितरामातरौ; and some of the anomalous Dwandwas used in more modern Sanskrit are probably Vaidik in their character; thus, द्यावापृथिवी 'heaven and earth;' मातापितरौ 'mother and father,' &c.

b. Greek and Latin furnish examples of complex compounds involving Dwandwas; thus, βατραχο-μυο-μαχία, 'frog-mouse war;' su-ovi-aurilia, 'pig-sheep-bull sacrifice;' ζωό-φυτον, 'animal-plant.' Zoophyte is also a kind of Dwandwa. In English, compounds like 'plano-convex,' 'convexo-concave,' are examples of the relative form of Dwandwa explained at 765.

DESCRIPTIVE COMPOUNDS (KARMA-DHÁRAYA).

755. In describing, qualifying, or defining a substantive by means of an adjective or participle, it is common in Sanskrit to compound the two words together, placing the adjective or participle in the first member of the compound in its crude base; as, साधुःजनम् 'a good man' (for साधुर् जनम्); चिरमित्रं 'an old friend' (for चिरं मित्रं); प्रियभार्या* 'a dear wife' (for प्रिया भार्या); रूपवद्भार्या* 'a beautiful wife'

* The feminine bases of adjectives rarely appear in compounds; so that प्रिया-भार्या and रूपवतीभार्या are not found; although there can be no question that

(for रूपवती भाव्या); ह्युग्रार्धवः 'a troubled ocean;' पुण्यकर्म 'a holy act;' अनन्तात्मा 'the infinite soul;' संस्कृतोक्तिम् 'polished speech;' पुण्यकर्मणि 'holy acts' (for पुण्यानि कर्माणि); उत्तमनराणां 'of the best men' (for उत्तमानां नराणां); महापातकं 'a great crime' (see 778); महाराजस् 'a great king' (see 778); प्रियसखस् 'a dear friend' (see 778); दीर्घरात्रं 'a long night' (see 778).

a. An indeclinable word or prefix may sometimes take the place of an adjective in this kind of compound; thus, सुपथः 'a good road;' सुदिनं 'a fine day;' सुभाषितं 'good speech;' दुश्चरितं 'bad conduct;' अभयं 'not fear,' &c.; वहिःशौचं 'external cleanliness' (from *vahis*, 'externally,' and *śauca*, 'purity'); अन्तःशौचं 'internal purity.'

756. Numerals in their crude state are sometimes found occupying the place of adjectives in the first member of a compound of this class; as, चतुर्वर्णास् 'the four castes;' पञ्चवाणास् 'five arrows.'

757. Adjectives, used substantively, sometimes occupy the last place in Descriptive compounds; as, परमधार्मिकस् 'a very just man;' परमद्भुतं 'a very wonderful thing.'

a. In the same manner, substantives, used adjectively, may occupy the first place; as, मलद्रव्याणि 'impure substances.'

758. Compounds expressing 'excellence' are said to fall under this class, and are composed of two substantives, one of which is used as an adjective to describe or define the other, and is placed last, being generally the name of an animal denoting 'superiority;' as, पुरुषपुङ्गवः 'man-bull,' पुरुषसिंहः 'man-lion,' पुरुषर्षभः 'man-bull,' equivalent to 'an illustrious man.'

a. The following are examples of Greek and Latin compounds falling under this class; *μεγαλο-μήτηρ*, *ἰσό-πεδον*, *μεγαλό-νομία*, *ἡμι-κύων*, *sacri-portus*, *meri-dies* (for *medi-dies*), *decem-viri*, *semi-deus*. Parallel compounds in English are, 'good-will,' 'good-sense,' 'ill-nature,' &c.

COLLECTIVE COMPOUNDS (DWIGU).

759. A numeral is often compounded with a substantive to form a collective noun of the neuter gender; thus, चतुर्व्युगं 'the four ages' (for चत्वारि युगानि); चतुर्दिशं 'the four quarters;' त्रिदिनं 'three days' (*triduum*); त्रिरात्रं 'three nights' (रात्र being substituted for रात्रि, see 778); त्र्यब्दं 'three years' (*triennium*); पञ्चाग्नि 'the five fires.'

a. Compare Greek and Latin compounds like *τετρασδιον*, *τρινύκτιον*, *τέθριππον*, *triduum*, *triennium*, *trinoctium*, *quadrivium*, *quinquertium*.

प्रिया and रूपवती are the proper bases of the feminine form of the adjectives. There are, however, a few examples of feminine adjective bases in compounds of this kind, as कामिनीजनस्, where कामिनी is used substantively. See also 766. a, note.

b. Sometimes the final vowel of the substantive is changed to ई; as, त्रिलोकी 'the three worlds.'

INDECLINABLE OR ADVERBIAL COMPOUNDS (AVYAYÍ-BHÁVA).

760. In this class of compounds the first member must be either a preposition (such as अनु, प्रति, &c.) or an adverbial prefix (such as यथा 'as,' अ or अन् 'not,' सह 'with'). The last member is a substantive which always takes the form of an accusative case neuter, whatever may be the termination of its crude base; thus, यथाऽश्रद्धं 'according to faith,' 'proportioned to faith' (from यथा and अश्रद्धा).

a. The majority of these compounds are formed with the adverbial preposition सह, contracted into स; thus, सक्रोपं 'with anger' (from स and क्रोप); सादरं 'with respect' (from स and आदर); साष्टाङ्गपातं 'with prostration of eight parts of the body.'

b. The following are examples of indeclinable compounds formed with other prefixes; अनुज्येष्ठं 'according to seniority;' प्रत्यङ्गं 'over every limb' (compare 730. d); प्रतिमासं 'every month' (730. d); यथाविधि 'according to rule;' यथाशक्ति or यावच्छक्तं (49) 'according to one's ability;' यथामुखं 'happily;' अनुक्षणं 'every moment;' समक्षं 'before the eyes' (see 778); प्रतिस्कन्धं 'upon the shoulders;' अधिवृक्षं 'upon the tree;' असंशयं 'without doubt;' निर्विशेषं 'without distinction.'

c. Analogous indeclinable compounds are found in Latin and Greek, such as *admodum, obviam, affatim, ἀντιβίην, ἀντίβιον, ὑπέρορον, παράχρημα*. In these, however, the original gender is retained, whereas, according to the Sanskrit rule, *obvium* would be written for *obviam*, and *affate* for *affatim*. In Greek compounds like *σήμερον*, the feminine *ἡμέρα* appends a neuter form, as in Sanskrit.

d. The neuter word अर्थं 'for the sake of,' 'on account of' (see 731. a), is often used at the end of compounds; thus, स्वप्नार्थं 'for the sake of sleep;' कर्मानुष्ठानार्थं 'for the sake of the performance of business.' See, however, 731, note.

RELATIVE COMPOUNDS (BAHU-VRÍHI).

761. The greater number of compounds in the preceding four divisions are terminated by substantives, the sense of each being in that case absolute and complete in itself. All such compounds may be used *relatively*, that is, as epithets of other words, the final substantive becoming susceptible of three genders, like an adjective (see 108, 119, 130, 134. a): and it cannot be too forcibly impressed upon the memory that the terms *Relative* and *Bahu-vríhi* have reference to the adjective use of those compounds only which have a substantive in the last member. This is not to be regarded,

therefore, as a distinct division of the subject of compound words, so much as a distinct view of the *same* subject; the object of which is to show that all compounds, which are in themselves absolute and complete in sense, and are *terminated by substantives*, may be used adjectively, and in the relation of an epithet to some other word in the sentence. We have given the name *relative* to compounds when thus used, not only for the obvious reason of their being relatively and not absolutely employed, but also because they usually involve a relative pronoun, and are sometimes translated into English by the aid of this pronoun, and are, moreover, resolved by native commentators into their equivalent uncompounded words by the aid of the genitive case of the relative (यस्य). Thus, महाधनं is a Descriptive compound, meaning 'great wealth,' and may be used adjectively in relation to पुरुषस्, as महाधनः पुरुषः 'a man *who* has great wealth;' or to स्त्री, as महाधना स्त्री 'a woman *who* has great wealth;' and would be resolved by commentators into यस्य or यस्या महद् धनं. In English we have similar compounds, as 'high-minded,' 'left-handed,' and the like, where the substantive terminating the compound is converted into an adjective.

Relative form of Dependent Compounds.

762. Many Dependent compounds (especially those that are instrumentally dependent at 740) are already *in their own nature* relative, and cannot be used except in connexion with some other word in the sentence. But, on the other hand, many others, and especially those which are genitively dependent, constituting by far the largest number of this class of compounds, are in their nature absolute, and yield a sense complete in itself. These may be made relative by declining the final substantive after the manner of an adjective; thus, चन्द्राकृतिस्, -तिस्, -ति, 'moon-shaped' (see 119), from the absolute compound चन्द्राकृतिस् 'the shape of the moon.'

a. Other examples are, देवरूपस्, -पी, -पं, 'whose form is godlike' (see 108); सूर्यप्रभावस्, -वा, -वं, 'splendid as the sun' (108); हस्तिपादस्, -दा, -दं*, 'elephant-footed' (see 57); सागरान्तस्, -न्ता, -न्तं, 'ending at the sea'; मरणान्तस्, -न्ता, -न्तं, 'terminated by death'; कर्णपुरोगमस्, -मा, -मं, or कर्णमुखस्, -खा, -खं, 'headed by Karna'; विष्णुशर्मनामा, -मा, -म, 'named Vishṇuśarma' (see 154);

* पाद् may be substituted for पाद in compounds of this kind, but not after हस्तिन्. See 778.

पुण्डरीकाक्षस्, -क्षी, -क्षं, 'lotus-eyed' (see 778); नारायणाख्यस्, -ख्या, -ख्यं, 'called Náráyana; धनमूलस्, -ला, -लं, 'founded on wealth; लक्षसंख्यानि (agreeing with धनानि), 'money to the amount of a lac; गदाहस्तस्, -स्ता, -स्तं, 'having a club in the hand,' or 'club in hand; शस्त्रपाणिस्, -शिस्, -शि, 'arms in hand; जालहस्तस्, -स्ता, -स्तं, 'net in hand; पुष्पविषयस्, -या, -यं, 'on the subject of flowers,' 'relating to flowers.' These examples are not distinguishable from absolute dependent compounds, except by declension in three genders.

763. Many of them, however, are not found, except as relatives; and if used absolutely would yield a different sense; thus, कर्णमुखं means 'the face of Karṇa,' but when used relatively to राजानस्, 'the kings headed by Karṇa.' So also चारचक्षुस् signifies 'the eye of the spy,' but when used relatively to राजा, 'a king who sees by means of his spies,' the nom. case masc. being then चारचक्षुस्. See 166. a.

764. The substantive आदि, 'a beginning,' when it occurs in the last member of a compound of this nature, is always used relatively to some word expressed or understood, and yields a sense equivalent to *et cetera*. It is generally found either in the plural or neuter singular; as, इन्द्रादयस् 'Indra and the others' (agreeing with the nom. case सुरास् expressed or understood, 'the gods commencing with Indra'); अग्न्यादीनां 'of Agni and the others' (agreeing with पृथ्वीकानां understood, 'of those above-named things of which Agni was the first'); चक्षुरादीनि 'the eyes, &c.' (agreeing with इन्द्रियाणि 'the senses commencing with the eyes'). When used in the neut. sing. it either agrees with पृथ्वीकं, 'the aforesaid,' understood, or with a number of things taken collectively, and the adverb *iti* * may be prefixed; as, देवानित्यादि 'the word *deván*, &c.' (agreeing with पृथ्वीकं understood, 'the aforesaid sentence of which *deván* is the first word'); दानादिना 'by liberality, &c.' (agreeing with some class of things understood, 'by that class of things of which liberality is the first').

a. It may occasionally be used in the masc. sing.; as, मार्जन्यादिस् 'brooms, &c.' (agreeing with उपस्करस् 'furniture').

b. Sometimes आदिक is used for आदि; as, दानादिकं 'gifts, &c.:' and sometimes आद्य; as, इन्द्राद्याः सुरास् 'the gods of whom Indra is the first.'

c. The feminine substantive प्रभृति 'manner,' 'kind,' may be used in the same way; thus, इन्द्रप्रभृतयः सुरास् 'the gods, Indra and the others; तेषां ग्रामनिवासिप्रभृतीनां 'of those villagers, &c.'

d. Observe—The neuter of आदि may optionally take the terminations of the masculine in all but the nom. and accus. cases; thus, हस्यश्वादिस् 'of elephants, horses, &c.' (agreeing with बलस्य gen. neut. of बल 'an army').

* Sometimes *evam* is prefixed; as, एवमादीनि प्रलापानि 'lamentations beginning thus.'

Relative form of Aggregative Compounds.

765. Aggregative compounds are sometimes used relatively; as, मरणव्याधिशोकस्, -का, -कं, 'that which is liable to sorrow, sickness, and death:' especially in the case of adjectives or participles; as, कृष्णगुक्कस्, -क्का, -क्कं, 'black and white;' स्नातानुलिप्तस्, -प्ता, -प्तं, 'bathed and anointed;' पौरजानपदस्, -दा, -दं, 'city and country;' कृतपकृतस्, -ता, -तं, 'done and done badly;' शुभाशुभस्, -भा, -भं, 'good and evil' (754); सान्द्रचिग्धस्, -ग्धा, -ग्धं, 'thick and unctuous;' गृहीतप्रतिमुक्तस्य 'of him taken and let loose.' Compare Greek compounds like *λευκο-μέλας*, 'white and black.' Examples are still more common under the head of Complex Compounds.

Relative form of Descriptive Compounds.

766. A greater number of compound words may be referred to this head than to any other. Every style of writing abounds with them; thus, अल्पशक्तिस्, -क्तिस्, -क्ति, 'whose strength is small' (119).

a. Other examples are, महाबलस्, -ला, -लं, 'whose strength is great' (108, see also 778); महानेजास्, -जास्, -जस्, 'whose glory is great' (164. a); अल्पधनस्, -ना, -नं, 'whose wealth is small;' महात्मा, -त्मा, -त्म, 'high-minded' (151); उदारचरितस्, -ता, -तं, 'of noble demeanour;' बहुमत्स्यस्, -त्स्या, -त्स्यं, 'having many fish;' स्वल्पसलिलस्, -ला, -लं, 'having very little water;' परिदत्तबुद्धिस्, -द्धिस्, -द्धि, 'of wise intellect' (119); प्रियभार्य्यस्, -र्य्या, -र्य्यं, 'having a dear wife*;' अशक्यसन्धानस्, -ना, -नं, 'not to be reconciled;' संवृतसंवार्य्यस्, agreeing with राजा, 'a king who conceals what ought to be concealed.'

767. Although a passive participle is not often prefixed to a noun in an absolute sense, this kind of combination prevails most extensively in the formation of relative compounds; as, प्राप्तकालस्, -ला, -लं, 'whose time has arrived.'

a. Other examples are, जितेन्द्रियस्, -या, -यं, 'whose passions are subdued;' शान्तचेतास्, -तास्, -तस्, 'whose mind is composed;' संहृष्टमनास्, -नास्, -नस्, 'whose mind is rejoiced' (see 164); भग्नाशस्, -शा, -शं, 'whose hopes are broken;' हतराज्यस्, -ज्या, -ज्यं, 'whose kingdom is taken away;' अमितनेजास्, -जास्, -जस्, 'whose glory is boundless;' आसन्नमृत्युस्, -त्युस्, -त्यु, 'whose death is near;' कृतकामस्, -मा, -मं, 'whose desire is accomplished,' i. e. 'successful;' कृतभोजनस्, -ना, -नं, 'one who has finished eating;' अनधिगतशास्त्रस्, -स्त्रा, -स्त्रं, 'one

* Occasionally the feminine of the adjective appears in the compound; as, षष्ठीभार्य्यस् 'having a sixth wife.' Compare 755, note.

by whom the Śāstras have not been read; 'भिन्नहृदयस्, -या, -यं, 'whose heart is pierced.'

b. Examples of Greek and Latin compounds of this kind are, *μεγαλο-κέφαλος*, *μεγαλό-μητις*, *λευκό-πτερος*, *πολύ-χρυσος*, *χρυσεο-στέφανος*, *ἡδύ-γλωσσος*, *ἐρημό-πολις*, *magn-animus*, *longi-manus*, *multi-comus*, *albi-comus*, *multi-vinus*, *atri-color*.

c. In English compounds of this kind abound; ex. gr. 'blue-eyed,' 'narrow-minded,' 'good-tempered,' 'pale-faced,' &c.

Relative form of Collective Compounds.

768. Collective or Dwigu compounds may be used relatively; as, *द्विपर्णस्, -र्णी, -र्णं*, 'two-leaved; ' *त्रिलोचनस्, -नी, -नं*, 'tri-ocular.'

a. Other examples are, *त्रिमूर्द्धस्, -द्धी, -द्धं*, 'three-headed' (मूर्द्ध being substituted for मूर्द्धन्, see 778); *चतुर्मुखस्, -खी, -खं*, 'four-faced; ' *चतुष्कोणस्, -णा, -णं*, 'quadrangular; ' *शतद्वारस्, -रा, -रं*, 'hundred-gated; ' *चतुर्विद्यस्, -द्या, -द्यं*, 'possessed of the four sciences; ' *सहस्राक्षस्, -क्षी, -क्षं*, 'thousand-eyed' (see 778); *पञ्चगवधनस्, -ना, -नं*, 'having the wealth of five bullocks.'

Relative form of Adverbial or Avyayi-bháva Compounds.

769. The adverbial compounds most frequently employed relatively as adjectives are those formed with the adverbial preposition *सह* 'with,' contracted into *स*; thus, *सक्रोधस्, -धा, -धं*, 'angry' (lit. 'with-anger,' 'having anger'); *सफलस्, -ला, -लं*, 'fruitful' (108); *सवन्धुस्, -न्धुस्, -न्धु*, 'possessed of kindred' (119); *सयत्नस्, -त्ना, -त्नं*, 'energetic; ' *सजीवस्, -वा, -वं*, 'possessed of life,' 'living; ' *सानन्दस्, -न्दा, -न्दं*, 'joyful; ' *ससचिवस्, -वा, -वं*, 'accompanied by ministers; ' *सभार्यस्* 'accompanied by a wife,' 'having a wife; ' *सज्यस्, -ज्या, -ज्यं*, 'strung' (as a bow, lit. 'with-bowstring').

a. Sometimes the affix *क* *ka* is pleonastically added; as, *सश्रीकस्, -का, -कं*, 'possessed of fortune; ' *सस्त्रीकस्, -का, -कं*, 'accompanied by women.' Compare 80. XVII.

b. The following are examples of other nouns combined with adverbial prefixes, so as to form relative compounds: *उदायुधस्, -धा, -धं*, 'with uplifted weapon; ' *नानाप्रकारस्, -रा, -रं*, 'of various shapes; ' *सामिभुक्तस्, -क्ता, -क्तं*, 'half-eaten; ' *कनिवासस्, -सा, -सं*, 'where dwelling? ' *कजन्मा, -न्मा, -न्म*, 'where born? ' *निरपराधस्, -धा, -धं*, 'without fault; ' *निराहारस्, -रा, -रं*, 'having no food; ' *अपभीस्, -भीस्, -भि*, 'fearless' (123. b); *अज्ञातस्, -ता, -तं*, 'unknown; ' *तथाविधस्, -धा, -धं*, 'of that kind,' 'in such a state; ' *दुर्बुद्धिस्, -द्धिस्, -द्धि*, 'weak-minded; ' *दुष्प्रकृतिस्, -तिस्, -ति*, 'ill-natured' (see 72); *सुमुखस्, -खी, -खं*, 'handsome-faced; ' *सुबुद्धिस्, -द्धिस्, -द्धि*, 'of good understanding.' Some of the

above may be regarded as the relative form of Descriptive compounds, formed with indeclinable prefixes; see 755. *a*. Similar compounds in Greek and Latin are, *ἀ-γνωτος*, *ἀν-ήμερος*, *εὐ-δηλος*, *in-imicus*, *in-felix*, *dis-similis*, *semi-plenus*.

c. Observe—The adverbial prefixes *दुर्* and *सु* (726. *d. f*) impart a passive sense to participial nouns of agency, just as *δυσ* and *εὖ* in Greek; thus, *दुष्कर* 'difficult to be done,' *सुकर* 'easy to be done;' *दुर्लभ* 'difficult to be obtained,' *सुलभ* 'easy to be attained;' *दुस्तर* 'difficult to be crossed.' Compare the Greek *εὐφορος*, 'easy to be borne;' *δύσπαρος*, 'difficult to be passed,' &c.

d. *स.नाथस,* -*चा,* -*चं,* 'possessed of a master,' is sometimes used at the end of compounds to denote simply 'possessed of,' 'furnished with;' thus, *वितानसनाथं शिलातलं* 'a stone-seat furnished with a canopy;' *शिलापट्टसनाथो मखडपः* 'an arbour having a marble-slab as its master,' i. e. 'furnished with,' 'provided with,' &c. Similarly, *बहुवक्सनाथो वटपादपः* 'a fig-tree occupied by a number of cranes.'

e. Observe—The relative form of a compound would be marked in the Veda by the accent; thus in *mahá-báhus*, 'great arm,' the accent would be on the last syllable; but in *mahá-báhus*, 'great armed,' on the ante-penultimate.

f. Note, that *आत्मक* and *रूप* are used at the end of relative compounds to denote 'composed of,' 'consisting of;' but are more frequently found at the end of complex relatives; see 774.

COMPLEX COMPOUND NOUNS.

770. We have now to speak of those complex compound words, or compounds within compounds, which form the most remarkable feature in Sanskrit composition. Instances might be given of twenty or thirty words thus compounded together; but these are the productions of the vitiated taste of more modern times, and are only curious as showing that the power of compounding words may often be extravagantly abused. But even in the best specimens of Sanskrit composition, and in the simplest prose writings, four, five, or even six words are commonly compounded together, involving two or three forms under one head. It will be easy, however, to determine the character of the forms involved, by the rules propounded in the preceding pages; in proof of which the student has only to study attentively the following examples.

Instances of absolute complex compounds, whose sense is complete and unconnected, are not rare.

a. The following are examples: *कालान्तरावृत्तिशुभाशुभानि* 'good and evil (occurring) in the revolutions of the interval of time, the whole being a dependent, involving a dependent and an aggregative; *सेनापतिबलाध्यक्षौ* 'the general

of the army and the overseer of the forces,' the whole being an aggregative, involving two dependents; शोकारतिभयत्तारं 'the protection from sorrow, enemies, and perils,' the whole being a dependent, involving an aggregative; अवधीरितमुद्दुद्वाक्यं 'the disregarded words of a friend,' the whole being a descriptive, involving a dependent; शुक्राञ्चरमात्यदान 'a white robe and a string of garlands,' the whole being an aggregative, involving a descriptive and dependent; सर्वशास्त्रपारगम् 'one who has gone to the opposite bank (pāra) of all the Śāstras,' i. e. 'one who has read them through;'; मृतसिंहास्थीनि 'the bones of a dead lion.'

771. The greater number of complex compounds are used as adjectives, or relatively, as epithets of some other word in the sentence; thus, गलितनखनयनम्, -नी, -नं, 'whose teeth and eyes were decayed,' the whole being the relative form of descriptive, involving an aggregative; द्युश्यामकरदम् 'having a throat emaciated with hunger,' the whole being the relative form of descriptive, involving a dependent.

a. Other examples are, शुक्रमात्यानुलेपनम्, -ना, -नं, 'having a white garland and unguents,' the whole being the relative form of aggregative, involving a descriptive; पूर्वजन्मकृतम्, -ता, -तं, 'done in a former birth,' the whole being a dependent, involving a descriptive; विद्यावयोवृद्धम्, -द्धा, -डं, 'advanced in learning and age,' the whole being a dependent, involving an aggregative; हृषितस्रजोहीनम्, -ना, -नं, 'having fresh garlands, and being free from dust,' the whole being the relative form of aggregative, involving a descriptive and dependent; अभिषेकार्द्रेशिरास्, -रास्, -रस्, 'whose head was moist with unction;'; यथेषितमुखम्, -खा, -खं, 'having the face turned in any direction one likes;'; शूलमुद्गरहस्तम्, -स्ता, -स्तं, 'spear and club in hand;'; एकरात्रनिर्वाहोचितम्, -ता, -तं, 'sufficient for support during one night' (see 778); चतुर्गुणुःसामाख्यत्रयग्रन्थार्थाभिज्ञास् 'acquainted with the meaning of the three Vedas, called Rig, Yajur, and Sāma' (agreeing with विदुषस्); सन्दष्टदन्तच्छदताचनेत्रास् 'biting their lips and having red eyes' (agreeing with राज्ञानस्); परद्रोहकर्मधीस् 'injuring another by action or by intention.'

772. The substantive आदि, 'a beginning,' often occurs in complex relative compounds, with the force of *et cetera*, as in simple relatives at 764; thus, शुक्रसारिकादयस् 'parrots, starlings, &c.' (agreeing with पक्षिणस् 'birds beginning with parrots and starlings'), the whole being the relative form of dependent, involving an aggregative; सन्धिविग्रहादि 'peace, war, &c.' (agreeing with पृष्टोक्तं understood); गृहदेवागारादियुक्तम्, -क्ता, -क्तं, 'possessed of houses, temples, &c.:' करितुरगक्रोपादिपरिच्छदयुक्तम्, -क्ता, -क्तं, 'possessed of elephants, horses, treasures, and other property.'

a. Similarly, आद्य in the example उत्तमगन्धाद्यास् (agreeing with सज्जस् 'garlands possessing the best odour and other qualities').

773. Long complex compounds may be generally translated by beginning at the last word and proceeding regularly backwards, as in the following; मत्तमधुकरनि-
करमुक्तकङ्कारमिलितकोकिलापसङ्गीतकसुखावहः, -हा, -हं, 'causing pleasure
by the music of the voice of the cuckoo, blended with the hum emitted by the
swarms of joyous bees.'

774. आत्मक or रूप, as occupying the last place in a complex relative, denote
'composed of;' thus, हस्त्यश्वरथपदातिकर्मकरात्मकं बलं 'a force consisting of
elephants, horses, chariots, infantry, and servants;' प्राग्जन्मसुकृतदुष्कृतरूपे कर्मणी
'the two actions consisting of the good and evil done in a former birth.'

775. Complex compounds may sometimes have their second or middle member
elided or omitted; thus, अभिज्ञानशकुन्तला is really a complex compound, the
whole being a descriptive, involving a dependent; but the middle member स्मृत is
elided: see 745. a. Similarly, शाकपार्थिवस् 'the era-king' is for शाकप्रियपार्थिवस्
'the king (beloved) by the era.'

a. Sometimes the substantive verb 'to be' may be inherent in a relative com-
pound; as, प्रारम्भसदृशोदयस् 'his success was proportionate to his undertakings';
पीताम्भसि 'on his drinking water,' for तेन अम्भसि पीते सति.

776. Complex compound adverbs, or indeclinable compounds,
involving other compounds, are sometimes found; as, स्वगृहनिर्विशेषेण
'not differently from one's own house'; शब्दोच्चारणानन्तरं 'after utter-
ing a sound'; स्तनभरविनमन्मध्यभङ्गानपेक्षं 'regardlessly of the curving of
her waist bending under the weight of her bosom'; यथादृष्टश्रुतं 'as
seen and heard.'

ANOMALOUS COMPOUNDS.

777. There are certain compounds which are too anomalous in their formation
to admit of ready classification under any one of the preceding heads. Amongst
these may be placed those compounds expressive of 'comparison' or 'resemblance,'
usually included under the Karma-dhāraya or Descriptive class. In these the
adjective is placed last; as, छायाचञ्चलस्, -ला, -लं, 'fickle as a shadow'; वज्रपा-
तसदृशस्, -शी, -शं, 'like a clap of thunder'; फेनोपमस्, -मा, -मं, 'like foam';
अम्बुदश्यामस्, -मा, -मं, 'dark as a cloud'; भूधरविस्तीर्णस्, -र्णा, -र्णं, 'spread out
like a mountain'; जलविन्दुलोलचपलस्, -ला, -लं, 'unsteady as a trembling
drop of water'; नलिनीदलतोयतरलस्, -ला, -लं, 'tremulous as water on the
leaf of a lotus:' the last two examples are complex.

a. कल्प, देशीय, दग्ध, द्वयस, मात्र, affixed to crude bases, form anomalous com-
pounds; see 80. XX. XXI. and 919.

b. There is a common anomalous compound formed by placing अनन्तर after a
crude base, to express 'another,' 'other;' as, स्थानान्तरं or देशान्तरं 'another
place'; राजान्तरेण सह 'along with another king'; जन्मान्तराणि 'other births.' The
following examples, also, are not readily assignable to any class: त्यक्तजीवितयोधी

'a fighter who abandons all idea of life;' सारसद्वितीयस्, -या, -यं, 'accompanied by the Sārasa* ;' अदृष्टपूर्वस्, -घ्नी, -घ्नं, 'never before seen.'

c. पूर्व or पूर्वक or पुरःसर (meaning literally 'preceded by') may be added to crude bases to form a kind of anomalous compound, as in the following example ; पूजापूर्वकम् अन्नं ददौ 'he gave food with reverence.' See 792.

CHANGES UNDERGONE BY CERTAIN WORDS AT THE END OF COMPOUNDS.

778. The following is an alphabetical list of the substitutions or changes which take place in the final syllables of certain words, when used at the end of compounds. Observe—The most common substitution is that of अ a for the final vowel or final consonant and vowel of a word.

अक्ष m. for अक्षि n. 'the eye.'—अङ्गुल m. in a few compounds for अङ्गुलि f. 'the finger.'—अञ्जल m. in a few compounds for अञ्जलि m. 'joining the hands in reverence.'—अथ्व m. joined with a few inseparable prepositions for अथ्वन् m. 'a road.'—अनस in Karma-dhāraya compounds for अनस् n. 'a cart,' 'a carriage.'—अयस in Karma-dhārayas for अयस् n. 'iron.'—अश्म in Karma-dhārayas for अश्मन् m. 'a stone.'—अष्टीव in Dvandwas for अष्टीवत् m. n. 'the knee.'—अस for असि f. 'an angle.'—अह for अहन् n. 'a day.'—अहर् in the first member of a compound for अहन् n. 'a day.'—अह् at the end of a few compounds for अहन् n. —ईप for अप् f. 'water.'—उक्ष in a few Karma-dhārayas for उक्षन् m. 'an ox.'—उपासा in the beginning of Dvandwas for उपस् n. f. 'the dawn.'—ऊधन् (fem. ऊधी) for ऊधस् n. 'an udder.'—काकुद् in a few Bahu-vrīhis for काकुद m. 'the palate.'—कुक्ष for कुक्षि m. 'the belly.'—गन्धि in Karma-dhārayas for गन्ध m. 'smell.'—गव in Dwigus for गो m. f. 'an ox.'—जानि for जाया f. 'a wife.'—ज्ञ and ज्ञु in Bahu-vrīhis for जानु n. 'the knee.'—तमस in Karma-dhārayas (preceded by सं, अव, or अन्ध) for तमस् n. 'darkness.'—दत् in a few Bahu-vrīhis for दन्त m. 'a tooth;' the feminine may be दती.—दिवा in the beginning of a few compounds for दिवन् m. 'the day.'—दुघ at the end of a few compounds for दुह् 'yielding milk.'—द्यावा as the first member of a compound for दिव् f. 'heaven.'—धन्वन् for धनुस् n. 'a bow.'—धर्मन् for धर्म m. 'virtue,' 'duty.'—धुर for ध्रु f. 'a load.'—नाभ for नाभि f. 'the navel.'—नाव for नौ f. 'a ship.'—पथ for पथिन् m. 'a road.'—पाद् for पाद m. 'a foot;' the feminine may be पदी.—पृत् for पृतना f. 'an army.'—प्रजस् at the end of Bahu-vrīhis (preceded by अ, सु, or दुर) for प्रजा f.—ब्रह्म at the end of Karma-dhārayas for ब्रह्मन् m. 'a Brāhman.'—भूम for भूमि f. 'the earth.'—भुव in a few Dvandwas for भू f. 'the eye-brow.'—मनस in Dvandwas

* So छायाद्वितीयः in Nala, translated by Bopp *umbra geminatus*.

for मन्स् n. 'the mind*.'—मूर्द्ध at the end of Bahu-vrīhis (preceded by द्वि and त्रि) for मूर्द्धन् m. 'the head.'—मह and मही at the end of anomalous compounds (preceded by पिता, माता, &c., see 754. a) for महत् m. f. n. 'great.'—महा at the beginning of Karma-dhāraya and Bahu-vrīhi compounds for महत् m. f. n. 'great†.'—मेधस् at the end of Bahu-vrīhis (preceded by अ, सु, दुर्, अल्प, मन्द) for मेधा f. 'intellect.'—राज् at the end of Karma-dhārayas for राजन् m. 'a king;' see 151. a. —रात्रि in Dwigus, Karma-dhārayas, and Dwandwas, for रात्रि f. 'night.'—वर्चस् in Karma-dhārayas for वर्चस् n. 'splendour.'—श्रेयस् in Karma-dhārayas and Bahu-vrīhis for श्रेयस् n. 'felicity.'—श्व for श्वन् m. 'a dog.'—स in Avyayī-bhāvas and Bahu-vrīhis for सह 'with.'—सक्य in Karma-dhārayas and Bahu-vrīhis for सक्यि n. 'the thigh.'—सख in Karma-dhārayas and Dwigus for सखि m. 'a friend.'—सरस् in Karma-dhārayas for सरस् n. 'a lake.'—हृद् for हृदय n. 'the heart.'

779. अहं is found in the beginning of certain anomalous compounds (such as अहङ्कार, अहम्पूर्विका, &c.) for मत् or अस्मत् 'I.'

780. Numerals, when preceded by particles, prepositions, or other numerals, may change their finals to अ a; or if their final letter be a consonant, may either drop that consonant or add अ a to it; thus, द्वित्व (nom. -त्वास्, -त्वास्, -त्वाणि) 'two or three;' पञ्चम (nom. -पास्, -पास्, -पाणि) 'five or six;' उपचतुर (nom. -रास्) 'nearly four.'

Compound Nouns formed from roots combined with Prepositions.

781. In the next section it will be shown that the combination of roots with prepositions prevails most extensively in Sanskrit. From roots thus combined nouns of the most various significations may be formed; thus, from ह् 'to seize,' with वि and अच, is formed व्यवहार 'practice;' from कृ 'to do,' with अनु, अनुकार 'imitation.' Hardly a line can occur in any book that does not afford an example of this kind of compound.

SECTION II.

COMPOUND VERBS.

782. The learner might look over the list of 2000 simple roots, and well imagine that in some of these would be contained every possible variety of idea, and that the aid of prepositions and adverbial prefixes to expand and modify the sense of each root would be unnecessary. But in real fact there are comparatively very few

* वाङ्मनसे 'speech and heart,' which is the example given by Pāṇini (V. 4. 77). occurs in Manu II. 160.

† As महाकुलं 'a great family;' see also 755. In Tat-purusha or dependent compounds महत् is retained; thus, महद्वाश्रयः 'recourse to the great.'

Sanskrit roots in common use; and whilst those that are so appear in a multitude of different forms by the prefixing of one or two or even three prepositions, the remainder are almost useless for any practical purposes, except the formation of nouns. Hence it is that compound verbs are of more frequent occurrence than simple ones.

They are formed in two ways: 1st, by combining roots with prepositions; 2dly, by combining the auxiliaries कृ 'to do' and भू 'to be' with adverbs, or nouns converted into adverbs.

Compound Verbs formed by combining Prepositions with roots.

783. The following list exhibits the prepositions chiefly used in combination with roots:

a. अति *ati*, 'across,' 'beyond;' as, अतिया, अती (pres. अत्येमि, &c.), अतिक्रम्, 'to pass by,' 'to pass along,' 'to transgress.'

b. अधि *adhi*, 'above,' 'upon,' 'over;' as, अधिष्ठा 'to stand over,' 'to preside' (pres. अधितिष्ठामि); अधिरूह् 'to climb upon;' अधिशी 'to lie upon;' अधिगम् 'to go over towards;' अधी 'to go over,' in the sense of 'reading.'

c. अनु *anu*, 'after;' as, अनुचर् 'to follow;' अनुष्ठा 'to follow,' in the sense of 'performing;' अनुकृ 'to imitate;' अनुमन् 'to assent.' With भू it signifies 'to experience,' 'to enjoy.'

d. अन्तर् *antar*, 'within' (Latin *inter*); as, अन्तर्धा 'to place within,' 'to conceal,' in pass. 'to vanish;' अन्तर्भू 'to be within;' अन्तर्ध्वर् 'to walk in the midst.'

e. अप *apa*, 'off,' 'away' (*ἀπό*); as, अपगम्, अपमृ, अपे (from अप and इ), 'to go away;' अपनी 'to lead away;' अपकृष् 'to abstract;' अपवह् 'to bear away.' It also implies 'detraction;' as, अपवद् 'to defame.'

f. अपि *api*, 'on,' 'over,' 'up,' only used with धा and नह्; as, अपिधा 'to shut up;' अपिनह् 'to bind on.' The initial *a* is generally rejected, leaving पिधा, पिनह्.

g. अभि *abhi*, 'to,' 'towards' (*ἐπί*); as, अभिया, अभी, 'to go towards;' अभिधाव् 'to run towards;' अभिदृश् 'to behold;' अभिवद् or अभिधा (see धा at 664) 'to address,' 'to accost,' 'to speak to,' 'to salute.'

h. अव *ava*, 'down,' 'off;' as, अवरूह्, अवतृ, 'to descend;' अवेद्य् 'to look down;' अवकृ 'to throw down,' 'to scatter;' अवकृत् 'to cut off.' It also implies 'disparagement;' as, अवज्ञा 'to despise;' अवधिष्णप् 'to insult.' With धा (3d c. अवदधाति), 'to attend.'

i. आ *á*, 'to,' 'towards,' 'up' (Latin *ad*); as, आविश् 'to enter;' आक्रम् 'to go towards;' आरूह् 'to mount up.' When prefixed to गम्, या, and इ, 'to go,' and दा 'to give,' it reverses the action; thus, आगम्, आया, ए, 'to come;' आदा 'to take.' With चर्, 'to practise.'

j. उत् *ut*, 'up,' 'upwards' (opposed to नि); as, उच्चर् (48), उदि, 'to go up,' 'to rise' (pres. उदयामि, 1st conj.); उड्डी 'to fly up;' उडन् 'to strike up' (उत् and

हन्, 50); उद्धृ (उत् and हृ, see 50) 'to extract'; उन्मिष् and उन्मील (47) 'to open the eyes'; उक्कृत्, उच्छिद्, 'to cut up'; उन्मूल 'to root up'; उच्छि 'to lift up' (उत् and श्रि, 49).

When prefixed to the roots स्या and स्तम्भ it causes the elision of *s*; as, उत्था 'to stand up'; उत्तम्भ 'to prop up.' In some cases it reverses the action; as, from पत् 'to fall,' उत्पत् 'to leap up;' from नम् 'to bend down,' उन्नम् (47) 'to raise up;' from यम् 'to keep down,' उद्यम् 'to lift up.'

k. उप *upa*, 'to,' 'towards' (ὑπό), 'near,' joined like आ and अभि to roots of motion; as, उपया 'to approach'; उपचर् 'to wait upon'; उपस्था 'to stay near,' 'to be present,' 'to arrive.' With विश् (6th c. उपविशति), 'to sit down;' with आस्, 'to sit near.'

l. नि *ni*, 'down,' 'downwards,' 'under' (opposed to उत्); as, निपत् 'to fall down;' नियम् 'to suppress;' निमिष् and निमील 'to close the eyes;' निक्षिप्, निधा, न्यस्, 'to lay down,' 'to deposit;' निविष् 'to go within,' 'to encamp.' With वृत् it signifies 'to return,' 'to desist;' with शम्, 'to hear.' In some cases it does not alter the sense; as, निहन् 'to kill.'

m. निर् *nir*, 'out;' as, निष्क्रम् (see 72), निर्गम्, निःसृ (71. a. c), 'to go out,' 'to come out;' निष्कृत् 'to cut up;' निवृत् 'to come to an end,' 'to cease;' निश्चि (71. b) 'to determine.'

n. परा *pará*, 'back,' 'backwards' (παρά), combined with जि and भू in the sense of 'defeat;' as, पराजि 'to overcome' (cf. παρανικάω, Æsch. Chœ.); पराभू 'to be defeated.' When joined with इ, 2d conj., it signifies 'to retire towards' (pres. परैमि); when with इ, 1st conj. Åtm., 'to run away,' 'to retreat,' *r* being changed to *l* (pres. पलाये).

o. परि *pari*, 'around' (περί, *per*); as, परिवेष्ट्, परिवृ, 'to surround;' परिचर्, परिगम्, 'to go round;' परीक्ष् 'to look round,' 'to examine;' परिवृत् 'to turn round;' परिधाव् 'to run round.' When prefixed to कृ it signifies 'to adorn,' and स् is inserted, परिष्कृ. With भू, 'to despise,' and with हृ, 'to avoid.' It sometimes merely gives intensity or completeness to the action; as, परित्यज् 'to abandon altogether;' परिज्ञा 'to ascertain completely.'

p. प्र *pra*, 'before,' 'forward' (πρό, *pro*, *præ*); as, प्रगम्, प्रसृष्, 'to proceed;' प्रयम् 'to set before,' 'to present;' प्रक्रम् 'to begin;' प्रवृत् 'to proceed,' 'to begin;' प्रधाव् 'to run forward;' प्रस्था 'to set out,' 'to advance;' प्रभू 'to be superior,' 'to prevail;' प्रदृश् 'to foresee.' With लम्, 'to deceive.' Observe—In combination with verbs beginning with *e* or *o* this preposition generally drops its final *a*; as, प्रेषयामि 'I send,' from प्र and एषय, causal base of इष् 'to go.' Similarly, प्रेजते 'he trembles' (3d sing. of *ej* with *pra*).

The *r* of *pra* influences a following nasal by 58; as, प्रणम् 'to bend before,' 'to salute.' Sometimes प्र does not alter the sense of a root, as in प्राप् 'to obtain' (5th c.; see 681).

q. प्रति * *prati*, 'against,' 'towards,' 'back again;' as, प्रतियुध् 'to fight against;' प्रती 'to go towards' (pres. प्रत्येमि); प्रतिगम् 'to go towards,' 'to return;' प्रतिकृ 'to counteract;' प्रतिहन् 'to beat back,' 'to repel;' प्रतिवच् 'to answer;' प्रतिलभ् 'to recover;' प्रतिनी 'to lead back;' प्रतिनन्द् 'to re-salute.' With श्रु, 'to promise;' with पद्, 'to arrive at,' 'to obtain;' with ईक्ष्, 'to wait for,' 'to expect.' Sometimes it does not alter the sense of the root; as, प्रतिवस् 'to dwell.'

r. वि *vi*, 'apart,' implying 'separation,' 'distinction,' 'distribution,' 'dispersion' (Latin *dis, se*); as, विचर् 'to wander about;' विचल् 'to vacillate;' विहृ 'to roam for pleasure;' विकृ 'to dissipate;' विदृ 'to tear asunder;' विभज् 'to divide;' विविच् 'to distinguish.' Sometimes it gives a privative signification; as, वियुज् 'to disunite;' विस्मृ 'to forget;' विक्री 'to sell.' With कृ, 'to change for the worse.' Sometimes it has no apparent influence on the root; as, विनश् 'to perish;' विचिन् 'to think.'

s. सम् *sam*, 'with,' 'together with' (σύν, *con*); as, सच्चि, सङ्गह्, 'to collect;' संयुज् 'to join together;' सङ्गम् 'to meet together;' सम्पद् 'to happen;' सङ्घिष् 'to contract.' With कृ it signifies 'to perfect,' and स् is inserted, संस्कृ. It is often prefixed without altering the sense; as, सञ्जन् 'to be produced.'

784. Two prepositions are often combined with a root; as, व्यादा 'to open' (वि, आ); व्यापद् (10th c.) 'to kill;' उपागम् 'to go under,' 'to undergo,' 'to arrive at' (उप, आ); समे 'to assemble' (सम्, आ, with root इ); प्रणियत् 'to prostrate one's self' (प्र, नि, 58); प्रोद्धृ 'to raise up' (प्र, उद्, with root हृ): and occasionally three; as, प्रव्याहृ 'to predict' (प्र, वि, आ); प्रत्युदाहृ 'to answer' (प्रति, उद्, आ). Other combinations of three prepositions, occasionally prefixed to roots, are सं + उप + आ; अभि + वि + आ; सं + अभि + प्र; उप + सं + प्र; अन् + सं + वि.

a. Observe—Excepting in the case of प्र above, prepositions ending in vowels combine with roots beginning with vowels according to the rules of Sandhi; thus, आ with इ 'to go' becomes ए (32), and in pres. ऐमि (आ + एमि 33), &c.; in pot. एयां (आ + इयां), &c.; in imp. आयानि (आ + यानि), &c.; in 1st pret. आयं, ऐस् (645, 33), &c. Similarly, अप् with एमि becomes अपैमि by 33.

785. In conjugating compound verbs formed with prepositions, the augment and reduplication do not change their position, but are inserted between the preposition and the root †; as, पर्यणयं, 1st pret.

* The final *i* of the prepositions प्रति, परि, नि, is optionally lengthened in forming certain nouns from compound verbs; as, प्रतीकार, परीहाम, नीकार.

† There are a few exceptions to this rule in the Mahābhārata; as in अन्वसञ्चरत् (Mahābh. Selections, p. 33).

of नी, with परि; उपाविशं, 1st pret. of विश्, with उप; अन्यतिष्ठं, 1st pret. of स्था, with अनु; प्रतिजघान, 2d pret. of हन्, with प्रति; प्रोज्जहार, 2d pret. of ह्, with प्र and उत्.

786. Grammarians restrict certain roots to particular voices, when in combination with particular prepositions; as, for example, the root जि 'to conquer,' with वि, and the root विश् 'to enter,' with नि, are restricted to the *Ātmane-pada*; but no certain rules can be propounded on this subject: and in the two epic poems especially the choice of voice seems generally arbitrary and subservient to the purposes of metre*.

Compound Verbs formed by combining Adverbs with the roots
कृ कृि and भू भू.

787. These are of two kinds; 1st, those formed by combining adverbs with कृ 'to make' and भू 'to become;' 2dly, those formed by combining nouns used adverbially with these roots.

a. Examples of the first kind are, अलङ्कृ 'to adorn;' आविष्कृ 'to make manifest' (see 72); वहिष्कृ 'to eject;' पुरस्कृ 'to place in front,' 'to follow;' विनाकृ 'to deprive;' सत्कृ 'to entertain as a guest;' नमस्कृ 'to revere;' साक्षाद्, प्राट्भू, 'to become manifest,' &c.

788. In forming the second kind, the final of a crude word, being *a* or *á*, is changed to *i*; as, from सज्ज, सज्जीकृ 'to make ready,' सज्जीभू 'to become ready;' from कृष्ण, कृष्णीकृ 'to blacken;' from परिखा 'a ditch,' परिखीकृ 'to convert into a ditch:' and sometimes *a* becomes *á*; as, प्रियाकृ from प्रिय. A final *i* or *u* is lengthened; as, from शुचि, शुचीभू 'to become pure;' from लघु, लघूकृ 'to lighten.' A final *ri* is changed to री *ri*; as, from मातृ, मातीभू 'to become a mother.' A final *as* becomes either *i* (as, from सुमनस्, सुमनीभू 'to be of good mind') or *así* (as, from शिरस्, शिरसीधा 'to place on the head').

a. But the greater number of compounds of this kind are formed from crude nouns in *a*. The following are other examples: नृणीकृ 'to esteem as a straw;' स्तम्भीकृ 'to stiffen;' एकचिन्नीभू 'to fix the mind on one object;' स्वीकृ 'to make one's own,' 'to claim as one's own;' मैत्रीभू 'to become friendly.' Substantives are sometimes formed from these; as, मैत्रीभाव 'the state of being friendly,' 'friendship.'

* Thus, यत् 'to strive' and प्रार्थ 'to beg for,' which are properly *Ātmane-pada* verbs, are found in the *Parasmai*. Instances of passive verbs taking *Parasmai* terminations have been given at 253. *b*. On the other hand, नन्द् 'to rejoice,' which is properly a *Parasmai-pada* verb, is found in the *Ātmane*.

b. Observe—This mode of compounding nouns and adverbs with *kṛi* and *bhū* is by Indian grammarians technically termed *chvī*. These compounds, however, rarely occur, excepting in the form of passive participles *; and it may be questioned whether the genius of Sanskrit favours the combination of any other part of speech but a preposition with the tenses of verbs. In Greek and Latin, on the other hand, the composition of nouns with verbs is not unusual.

789. Sometimes *सात्*, placed after a crude noun, is used to form a compound verb of this kind; as, from *जल* 'water,' *जलसात्* 'to reduce to liquid;' from *भस्मन्* 'ashes,' *भस्मसात्* (57) 'to reduce to ashes.' These compounds, like the last, are rarely found, excepting in the form of past passive participles.

SECTION III.

COMPOUND ADVERBS.

790. Compound adverbs are formed, 1st, by combining adverbs, prepositions, and adverbial prefixes, with nouns in the nom. or accus. singular neuter; 2dly, by placing adverbs, or adjectives used as adverbs, after the crude base of nouns.

a. The first kind are identical with indeclinable compounds at 760, and the greater number are formed with the adverbial preposition *सह saha*, contracted into *स sa*; as, from *कोप* 'anger,' *सकोपं* 'angrily;' from *आदर* 'respect,' *सादरं* 'respectfully;' from *अष्टाङ्गपात* 'prostration of the limbs,' *साष्टाङ्गपातं* 'reverentially.'

b. The following may be taken as examples of compound adverbs formed with other prefixes: *अनुज्येष्ठं* 'according to seniority;' *प्रत्यङ्गं* 'over every limb;' *प्रतिमासं* 'every month;' *यथाविधि* 'according to rule;' *यथाशक्ति* or *यावच्छक्यं* 'according to one's power;' *यथामुखं* 'happily;' *समक्षं* 'before the eyes' (*अक्ष* being substituted for *अक्षि*, see 778); *असंशयं* 'undoubtedly;' *निर्विशेषं* 'without distinction.'

791. Most of the adverbs at 731 may be placed after the crude base of nouns; thus, *बालकसमीपं* 'near the child;' *रक्षार्थं* 'for the sake of protection;' *किमर्थं* 'on what account?'; *शब्दोच्चारणानन्तरं* 'after uttering a sound.'

792. *पूर्व* or *पूर्वकं* or *पुरःसरं* (meaning literally 'preceded by') is placed after crude bases to denote 'the manner' in which any thing is done; as, *क्रोधपूर्व* 'with anger.' See 777. c.

793. A kind of compound adverb, implying 'reciprocity,' is formed

* Generally as past passive participles; thus, *अलङ्कृत* 'adorned;' *प्रादुर्भूत* 'become manifest;' *सज्जीभूत* 'made ready;' *लघूकृत* 'lightened.' The future passive participle is sometimes found so compounded; as, *स्वीकरणीय* 'to be agreed to.'

by doubling a noun, lengthening the final of the first word, and changing the final of the last to *i*; as, from दख् 'a stick,' दख्दख्दि 'mutual striking;' अंशंशि 'share by share;' मुषलामुषलि 'club to club;' मुष्टीमुष्टि 'fist to fist.'

a. Something in the same manner, अन्य and पर, 'another,' are doubled; thus, अन्योन्यं, परस्परं, 'mutually,' 'together.'

b. The indeclinable participle आरभ्य, 'having begun,' is joined with अद्य, 'to-day' (अद्यारभ्य), in the sense of 'from this time forward;' and with the crude bases of other words to express 'beginning from;' see 925. प्रभृति is placed adverbially after words, in the same sense; as, जन्मप्रभृति 'from birth upwards.'

CHAPTER IX.

SYNTAX.

794. SANSKRIT syntax, unlike that of Greek and Latin, offers fewer difficulties to the student than any other portion of the Grammar. Indeed, compounds prevail so abundantly in this language, that the writer who has properly expounded the subject of compound words has already more than half completed his investigation into the laws which regulate syntactical combinations. We shall endeavour, in the present chapter, to collect together all the most useful rules for the connexion and collocation of uncompounded words. Much vagueness and uncertainty, however, may be expected to attach to the rules propounded, when it is remembered that Sanskrit literature consists almost entirely of poetry, and that the laws of syntax are ever prone to yield to the necessities of metrical composition.

a. Observe—In the present chapter on Syntax, that the subject may be made as clear as possible, each word will be separated from the next, and vowels will not be allowed to coalesce, although such coalition be required by the laws of combination. When compounds are introduced into the examples, a dot, placed underneath, generally marks the division of the words.

THE ARTICLE.

795. There is no indefinite article in classical Sanskrit; but कश्चित् (228) and in modern Sanskrit एक (238) are sometimes used to supply the place of such an article; thus, एकस्मिन् प्रदेशे 'in a certain

country ;' कश्चित् शृगालः ' a certain jackal.' The definite article may not unfrequently be expressed by the pronoun स (220); thus, स पुरुषः may mean simply ' the man,' not necessarily ' that man.'

CONCORD OF THE VERB WITH THE NOMINATIVE CASE.

796. The verb must agree with the nominative case in number and person ; as, अहं करवाणि ' I must perform.'

a. Other examples are, त्वम् अवधेहि ' do thou attend ;' स ददाति ' he gives ;' आवां ब्रूवः ' we two say ;' कपोता ऊचुः ' the pigeons said ;' राजा मन्त्री च जग्मतुः ' the king and minister went ;' यावत् चन्द्रार्का तिष्ठतः ' as long as the moon and sun remain ;' युवां चिन्तयतं ' do you two reflect ;' यूयम् आयात ' do ye come ;' सज्जनाः पूज्यन्ते ' good men are honoured ;' वाति पवनः ' the wind blows ;' उदयति शशाङ्कः ' the moon rises ;' स्फुटति पुष्पं ' the flower blossoms.'

b. Observe—The verb is usually, though not always, placed last in the sentence.

797. When a participle takes the place of the verb, it must agree with the nominative in number and gender ; as, स गतः ' he went ;' सा गता ' she went ;' नार्याव् उक्त्वत्यौ ' the two women spoke ;' राजा हतः ' the king was killed ;' बन्धनानि छिन्नानि ' the bonds were cut.'

a. Sometimes, when it is placed between two or more nominative cases, it agrees with one only ; as, स्वःवधुः प्रबोधिता पुत्रश्च ' his wife and son were awakened.'

b. Very often the copula, or verb which connects the subject with the predicate, is omitted ; when, if an adjective stand in the place of the verb, it will follow the rules of concord in gender and number ; as, धनं दुर्लभं ' wealth is difficult of attainment ;' आवां कृताहारौ ' we two have finished eating.' But if a substantive stand in the place of the verb, no concord of gender or number need take place ; as, सम्यग्ः पदम् आपदां ' successes are the road to misfortunes.'

CONCORD OF THE ADJECTIVE WITH THE SUBSTANTIVE.

798. An adjective, participle, or adjective pronoun, qualifying a substantive, when not compounded with it, must agree with the substantive in gender, number, and case ; as, साधुः पुरुषः ' a good man ;' महद् दुःखं ' great pain ;' एतेषु पृथ्वेक्षिषु राष्ट्रेषु ' in these before-mentioned countries ;' त्रीणि मित्राणि ' three friends.'

CONCORD OF THE RELATIVE WITH THE ANTECEDENT.

799. The relative must agree with the antecedent noun in gender, number, and person ; but in Sanskrit the relative pronoun generally precedes the noun to which it refers, this noun being put in the same case with the relative, and the pronoun स follows in the latter clause of the sentence ; as, यस्य नरस्य बुद्धिः स बलवान् ' of whatever man there is intellect, he is strong.'

a. The noun referred to by the relative may also be joined with स, as यस्य बुद्धिः स नरो बलवान्; or may be omitted altogether, as यत् प्रतिज्ञातं तत् पालय 'what you have promised, that abide by;' येषाम् अपत्यानि खादितानि तैः (पक्षिभिः understood) जिज्ञासा समारम्भा 'by those (birds) whose young ones were devoured an inquiry was set on foot;' यः सर्वान् विषयान् प्राप्नुयाद् यश्च एतान् उपेक्षते तयोर् विषयपेक्षकः श्रेयान् 'he who would obtain all objects of sense, and he who despises them, of the two the despiser is the best.'

800. The relative sometimes stands alone, an antecedent noun or pronoun being understood, from which it takes its gender and number; as, नास्ति पुण्यवान् (तस्मात् understood) यस्य मित्रेण सम्भाषः 'there is not a happier (than that man) of whom there is conversation with a friend;' धनेन किं यो न ददाति 'What is the use of wealth (to him) who does not give?'

a. Sometimes, though rarely, the antecedent noun precedes the relative in the natural order; as, न सा भार्या यस्यां भर्ता न तुष्यति 'she is not a wife in whom the husband does not take pleasure.'

801. तावत् and यावत् stand to each other in the relation of demonstrative and relative; as, यावन्ति तस्य द्वीपस्य वस्तूनि तावन्ति अस्माकम् उपनेतव्यानि 'as many products as belong to that island, so many are to be brought to us.' See also 876.

a. Similarly, तादृश and यादृश; as, यादृशं वृत्तं तादृशं तस्मै कथितवन्तः 'as the event occurred, so they related it to him.'

SYNTAX OF SUBSTANTIVES.

802. Under this head it is proposed to explain the construction of substantives, without reference to their connexion with particular adjectives, verbs, or participles; and for this purpose it will be desirable to exhibit examples under each case.

Nominative case.

803. A substantive simply and absolutely expressed must be placed in the nominative case; as, हितोपदेशः 'the Hitopadesa;' भट्टिकाव्यं 'the poem of Bhaṭṭi.'

a. Two nominative cases in different numbers may be placed in apposition to each other; as, तृणानि शय्या 'grass as a bed.'

Accusative case.

804. Substantives are not found in the accusative, unconnected with verbs or participles, except as expressing 'duration of time' or 'space.' See 821.

Instrumental case.

805. This case yields a variety of senses. The most usual is that of 'the instrument' or 'means' by which any thing is done; as,

मया (उक्तं) 'by me it was said;' व्याधेन (पाशो योजितः) 'by the fowler a snare was laid;' वेदाध्ययनेन 'by the study of the Vedas;' स्वचक्षुषा 'with one's own eye.'

806. It also has the force of 'with' in expressing other collateral ideas; as, बलीयसा स्पृष्ट्वा 'vying with the strong;' मित्रेण सम्भाषः 'conversation with a friend;' पशुभिः समान्यं 'equality with beasts;' पितुर् गोचरेण 'with the knowledge of (his) father:' especially when 'accompaniment' is intended; as, शिष्येण गुरुः 'the master with his pupil.'

807. The other senses yielded by this case are, 'through,' 'by reason of,' 'on account of;' as, कृपया 'through compassion;' तेन अपराधेन 'on account of that transgression:' especially in the case of abstract nouns formed with ता (80. XXIII); as, मूढतया 'through infatuation.'

a. 'According to,' 'by;' as, विधिना 'according to rule;' मम सम्मतेन 'according to my opinion;' जात्या 'by birth.'

b. 'The manner' in which any thing is done, as denoted in English by the adverbial affix 'ly,' or by the prepositions 'in,' 'at;' as, बाहुल्येन 'in abundance;' धर्मेण 'virtuously;' यथेच्छया or स्वेच्छया 'at pleasure;' सुखेन 'at ease;' अनेन विधिना 'in this way;' महता स्नेहेन (निवसतः) 'they both dwell together in great intimacy;' (नृपः सर्वभूतानि अभिभवति) तेजसा 'a king surpasses all beings in glory;' मनसा (न कर्त्तव्यं) 'such a deed must not even be imagined in the mind;' मानुषरूपेण 'in human form.'

808. Substantives expressive of 'want,' 'need,' may be joined with the instrumental of the thing wanted; as, चर्चया न प्रयोजनं 'there is no occasion for inquiry;' मया सेवकेन न प्रयोजनं 'there is no need of me as a servant;' तृणेन कार्यं 'there is use for a straw.'

809. 'The price' for which any thing is done may be in the instrumental; as, पञ्चभिः पुराणैर् (याति दासत्वं) 'for five Purāṇas he becomes a slave;' बहुभिर् दत्तैर् (युध्यन्ते) 'they fight for great rewards.' Similarly, प्राणपरित्यागमूल्येन (श्रीर् न लभ्यते) 'fortune is not obtained at the price of the sacrifice of life.'

a. So also 'difference between' two things; as, त्वया समुद्रेण च महद् अन्तरं 'there is great difference between you and the ocean.'

b. The English expression 'under the idea that' is expressed by the instrumental case of the substantive बुद्धि; as, व्याघ्रबुद्ध्या 'under the idea that he was a tiger.'

Double Instrumental.

810. Sometimes when two substantives come together, expressing 'parts' of a common idea, they are both placed in the instrumental, instead of one in the genitive; as, वकुलैः पुष्पैर् वास्यते 'an odour is emitted by the bakul-plants by their flowers' (for वकुलानां पुष्पैः). Similarly, ताम् आश्रामयामास प्रेष्याभिश् चन्दनोदकैः 'he caused her to revive by her attendants by sandal-water.'

Dative case.

811. This case is of very limited applicability, and its functions, irrespectively of the influence of verbs, are restricted to the expression of 'the object,' 'motive,' or 'cause' for which any thing is done, or 'the result' to which any act tends; as, **आत्मविवृद्धये** 'for self-aggrandizement;' **आपत्प्रतीकाराय** 'for the counteraction of calamity;' **शस्त्रं च शास्त्रं च प्रतिपन्नये** 'arms and books (lead) to renown.'

a. When, as in the last example, 'the result' or 'end' to which any thing leads is denoted by this case, the verb is seldom expressed, but appears to be involved in the case itself. The following are other examples: **यत्र आस्ते विषसंसर्गो ऽदृतं तदपि मृतये** 'where there is admixture of poison, then even nectar (leads) to death;' **उपदेशो मूर्खाणां प्रकोपाय न ज्ञानये** 'advice to fools (leads) to irritation, not to conciliation;' **स वृद्धपतिस् तस्याः सन्तोषाय न अभवत्** 'that old husband was not to her liking.'

b. It will be seen hereafter that certain verbs of *giving* and *relating* govern the dative. Substantives derived from such verbs exercise a similar influence; as, **अन्यस्मै दानं** 'the *giving* to another;' **अन्यस्मै कथनं** 'the *telling* to another.'

c. Words expressive of 'salutation' or 'reverence' are joined with the dative; as, **गणेशाय नमः** 'reverence to Ganeśa; **कुशलं ते** 'health to thee.'

Ablative case.

812. The proper force of the ablative case is expressed by 'from;' as, **लोभात् (क्रोधः प्रभवति)** 'from avarice anger arises;' **गिरेः पतनं** 'falling from a mountain;' **चाराणां मुखात्** 'from the mouth of the spies.'

813. Hence this case passes to the expression of various correlative ideas; as, **आहारात् किञ्चित्** 'a portion of (from) their food;' and like the instrumental it very commonly signifies 'by reason of,' 'in consequence of;' as, **गोमनुषाणां वधात्** 'on account of the slaughter of cows and men;' **अनवसरप्रवेशात् (पुत्रं निन्दति)** 'he blames his son for entering inopportunist;' **दण्डभयात्** 'through fear of punishment;' **अस्मत्पुण्योदयात्** 'by reason of my good fortune.'

a. 'According to;' as, **मन्त्रिवचनात्** 'according to the advice of the minister.' Abstract nouns in **त्वं** are often found in this case to express some of these ideas; as, **अनवस्थितचिन्तत्वात्** 'by reason of the unsteadiness of his mind;' especially in the writings of commentators; as, **वक्ष्यमाणत्वात्** 'according to what will be said hereafter.'

814. It also expresses 'through the means' or 'instrumentality of;' as, **शृगालात् पाशवद्धः** 'caught in the toils through the instrumentality of the jackal;' **न शीघ्रधपरिज्ञानाद् (व्याधेः शान्तिर् भवेत्)** 'the alleviation of disease is not effected by the mere knowledge of the medicine.'

a. 'The manner' in which any thing is done is occasionally expressed by the ablative; as, यत्नात् 'with diligence'; बलात् 'forcibly'; कुतूहलात् 'with wonder'; मूलात् उद्धरणं 'tearing up by the roots;' or by the ablative affix तस्; as, स्वच्छातस् 'at one's own pleasure' (see 719. a. b).

b. This case also denotes 'after;' as, शरीरविगमात् 'after separation from the body;' मुख्यप्रतिबन्धनात् 'after the imprisonment of the Chief;' तस्य आगमनात् 'since his arrival.'

c. In reference to *time*, 'within;' as, त्रिपक्षात् 'within three fortnights.'

d. Nouns expressive of 'fear' are joined with the ablative of the thing feared; as, मृत्योर् भयं 'fear of death;' चौरतो भयं 'fear of robbers.'

Genitive case.

815. This and the locative case are of the most extensive application, and are often employed, in a vague and indeterminate manner, to express relations properly belonging to the other cases.

a. The true force of the genitive is equivalent to 'of,' and this case appears most frequently when two substantives are to be connected, so as to present one idea; as, मित्रस्य वचनं 'the speech of a friend;' भर्ता नार्याः परमं भूषणं 'the best ornament of a woman is her husband;' न नरस्य नरो दासो दासस् तु अर्थस्य 'man is not the slave of man, but the slave of wealth.'

816. 'Possession' is frequently expressed by the genitive case alone, without a verb; as, सद्धीः सम्यज्ञयस् तस्य सन्तुष्टं यस्य मानसं 'all riches belong to him who has a contented mind;' धन्योऽहं यस्य ईदृशी भार्या 'happy am I in possessing such a wife.'

a. It often, however, has the force of 'to,' and is very generally used to supply the place of the dative; as, प्राणा आत्मनो ऽभीष्टाः 'one's own life is dear to one's self;' न योजनशतं दूरं वाद्यमानस्य तृणया 'a hundred Yojanas is not far to one borne away by thirst (of gain);' किं प्रज्ञावताम् अविदितं 'What is unknown to the wise?' किम् अन्धस्य प्रकाशयति प्रदीपः 'What does a lamp show to a blind man?' किं मया अपकृतं राज्ञः 'What offence have I committed towards the king;' किम् अस्माकं कर्तुं समर्थः 'What can this man do to us?'

b. And not unfrequently of 'in' or 'on;' as, स्त्रीणां विश्वासः 'confidence in women;' मम आयत्नत्वं 'dependence on me.'

c. It is even equivalent occasionally to 'from' or 'by,' as usually expressed by the ablative or instrumental; as, न कस्यापि (उपायनं गृह्णीयात्) 'one ought not to accept a present from any one;' अस्माकं (वनं त्याज्यं) 'the wood is to be abandoned by us;' स धन्यो यस्य अर्थिनो न प्रयान्ति विसुखाः 'he is blessed from whom suppliants do not depart in disappointment.'

d. 'Difference between' two things is expressed by this case; as, मेव्यमेवकयोर् महद् अन्तरं 'there is great difference between the master and the servant.' (Compare 809. a.)

Locative case.

817. The locative, like the genitive, expresses the most diversified relations, and frequently usurps the functions of the other cases. Properly it has the force of 'in,' 'on,' or 'at,' as expressive of many collateral and analogous ideas; thus, रात्रौ 'in the night;' ग्रामे 'in the village;' पृष्ठे 'on the back;' त्वयि विश्वासः 'confidence in you;' मरुस्थल्यां वृष्टिः 'rain on desert ground;' प्रथमबुभुक्षायां 'at the first desire of eating;' पृथिव्यां रोपितो वृक्षः 'a tree planted in the earth.'

818. Hence it passes into the sense 'towards;' as, क्षमा शत्रौ च मित्रे च 'leniency towards an enemy as well as a friend;' सर्वभूतेषु दया 'compassion towards all creatures;' सुहृत्सु अजिह्वः 'upright towards friends;' सुकृतशतम् असत्सु नष्टं 'a hundred good offices are thrown away upon the wicked.'

819. Words signifying 'cause,' 'motive,' or 'need,' are joined with the locative; as, सत्रपत्ने हेतुः 'the cause of his modesty;' भूपालयोर् विग्रहे भवद्भजनं निदानं 'your speech was the cause of the war between the two princes;' प्रार्थकाभावः सतीत्वे कारणं स्त्रियाः 'the absence of a suitor is the cause of a woman's chastity;' नौकायां किं प्रयोजनं 'What need of a boat?' Also words signifying 'employment' or 'occupation;' as, अर्थार्जने प्रवृत्तिः 'engaging in the acquisition of wealth.' Words derived from the root *yuj* usually require the locative; as, मम राज्यरक्षायाम् उपयोगः 'I am of service in preserving the kingdom.'

a. This case may yield other senses equivalent to 'by reason of,' 'for,' &c.; as, मे छिद्रेषु 'through my faults;' चारः परराष्ट्राणाम् अवलोकने 'a spy is for the sake of examining the territory of one's enemies;' युद्धे कालोऽयं 'this is the time for battle;' तस्याम् अनुरागः 'affection for her;' उपदेशे अन्यादरः 'disregard for advice;' का चिन्ता मरणे रणे 'What anxiety about dying in battle!'

b. It is also used in giving the meaning of a root; as, ग्रह उपादाने 'the root *grah* is in *taking*,' i. e. conveys the idea of 'taking.'

c. The locative case is often used absolutely; see 840.

SYNTAX OF NOUNS OF TIME.

820. When reference is made to any particular division of time, the instrumental case is usually required; as, त्रिभिर् वर्षैः 'in three years;' द्वादशभिर् मासैः 'in twelve months;' क्षणेन 'in an instant;' कियता कालेन 'In how long time?' वर्षशतैः 'in hundreds of years;' कालपर्यायेण 'in process of time.'

821. When to duration of time, the accusative case is generally used; as, क्षणं 'for a moment;' अनेककालं 'for a long time;' कियन्तं कालं 'for some time;' एकं मासं 'for one month;' द्वौ मासौ 'for two months;' वर्षशतं 'for a hundred years;' शास्वतीः समाः 'to all eternity;' शतं वर्षाणि 'for a hundred years;' वहूनि अहानि 'for many days.'

The instrumental, however, is sometimes used in this sense also; as, द्वादशभिर् वर्षैर् वाणिज्यं कृत्वा 'having traded for twelve years;' कतिपयदिवसैः 'for a few days.'

822. When any particular period or epoch is referred to, the locative may be employed; as, कस्मिंश्चिद् दिवसे 'on a certain day;' तृतीये दिवसे 'on the third day;' or sometimes the accusative; as, यां रात्रिं ते दूताः प्रविशन्ति स्म पुरीं तां रात्रिं भरतेन स्वप्नो दृष्टः 'on the night when the ambassadors entered the city, on that night a dream was seen by Bharata.'

NOUNS OF PLACE AND DISTANCE.

823. Nouns expressive of 'distance between two places' (according to Carey) may be in the nominative; as, कृष्णः शतं क्रोशाः सोमनाथात् 'Kṛishṇa is a hundred Kos from Somanáth.' 'Space' may also be expressed by the accusative; as, क्रोशं गिरिः 'a hill for a Kos;' or by the instrumental; as, क्रोशेन गत्वा 'having gone for a Kos.' 'The place' in which any thing is done may be in the locative; as, विदर्भेषु 'in Vidarbha.'

SYNTAX OF ADJECTIVES.

Accusative after the Adjective.

824. The only adjectives governing an accusative are those formed from desiderative bases; as, स्वगृहं जिगमिषुः 'desirous of going home;' पुत्रम् अभीप्सुः 'desirous of obtaining a son;' राजानं दिदृक्षुः 'desirous of seeing the king.'

Instrumental after the Adjective.

825. Adjectives, or participles used adjectively, expressive of 'want' or 'possession,' require this case; as, अर्थेन हीनः 'destitute of wealth;' अर्थैः समायुक्तः 'possessed of riches;' चारिणा पूर्णो घटः 'a jar full of water.'

826. So also of 'likeness' or 'equality;' as, अनेन सदृशो लोके न भूतो न भविष्यति 'there has never been, nor will there ever be, any one like him in this world;' प्रारम्भैः सदृश उदयः 'his success was equal to his undertakings;' प्राणैः समा पत्नी 'a wife as dear as life;' आदित्येन तुल्यः 'equal to the sun.' These are also joined with a genitive.

Genitive after the Adjective.

827. Adjectives signifying 'dear to,' or the reverse, are joined with the genitive; as, राजां प्रियः 'dear to kings;' भर्तारः स्त्रोणां प्रियाः 'husbands are dear to women;' न कश्चित् स्त्रीणाम् अप्रियः 'women dislike nobody;' द्वेषो भवति मन्त्रिणां 'he is detestable to his ministers.'

a. Adjectives expressive of 'equality' often require this case as well as the instrumental; thus, सर्वस्य समः 'equal to all;' तस्य अनुरूपः 'like him;' चन्द्रस्य कल्पः 'like the moon;' न तस्य तुल्यः कश्चन 'nobody is equal to him.'

b. So also other adjectives; as, परोपदेशः सर्वेषां सुकरः नृणां 'giving advice to others is easy to all men;' सुखानाम् उचितः 'worthy of happiness;' उचितः क्लेशानां 'capable of toil.'

Locative after the Adjective.

828. Adjectives, or participles used adjectively, expressive of 'power' or 'ability,' are joined with this case; as, अध्वनि क्षमा अश्वाः 'horses able for the journey;' महति शत्रौ क्षमो राजा 'a king who is a match for a great enemy;' अशक्ता गृहकरणे शक्ता गृहभङ्गने 'unable to build a house, but able to demolish one.'

a. So also other adjectives; as, शस्त्रेषु कुशलः 'skilled in arms;' अल्पेषु प्राज्ञः 'wise in trifles;' त्वयि अनुरक्तो विरक्तो वा स्वामी 'Is your master attached or adverse to you?' अनुजीविषु मन्दादरः 'neglectful of his dependants.'

SYNTAX OF THE COMPARATIVE AND SUPERLATIVE DEGREE.

829. Adjectives in the comparative degree require the ablative case; as, पत्नी प्राणेष्वोऽपि गरीयसी 'a wife dearer even than one's life;' पुत्रस्पर्शात् सुखतरः स्वर्शो लोके न विद्यते 'there is no pleasanter touch in this world than the touch of a son;' वड्ढेनात् प्रजारक्षणं श्रेयः 'the protection of one's subjects is better than aggrandizement;' न मत्तो (719. a) दुःखिततरः पुमान् अस्ति 'there is not a more wretched man than I;' मतिर् बलाद् बलीयसी 'mind is more powerful than strength.'

830. Sometimes they govern the instrumental; as, प्राणैः प्रियतरः 'dearer than life;' न अस्ति मया कश्चिद् अल्पभाग्यतरो भुवि 'there is nobody upon earth more unfortunate than I.'

a. When it is intended to express 'the better of two things' the genitive may be used; as, अनयोर् देशयोः को देशो भद्रतरः 'Of these two countries which is the better?'

831. The comparative in Sanskrit is often resolved into the expression 'better and not;' as, वरं प्राणपरित्यागो न पुनर् ईदृशे कर्मणि प्रवृत्तिः 'better abandon life than (literally, and not) engage in such an action;' वरं मौनं कार्यं न च वचनम् उक्तं यद् अनृतं 'it is better that silence should be kept than a speech uttered which is untrue;' विद्यया सह वेदाध्यापकेन वरं मर्त्यं न तु अध्यापनयोग्यशिष्याभावे अपात्त्राय एतां प्रतिपादयेत् 'a teacher of the Veda should rather die with his learning than commit it to an unworthy object, in the absence of a pupil worthy to be instructed in it.'

832. The superlative degree is usually joined with the genitive ; as, ब्राह्मणो द्विपदां श्रेष्ठो गौर् वरिष्ठा चतुष्पदां । गुरूर् गरीयसां श्रेष्ठः पुत्रः स्यर्शवतां वरः ' a Bráhmaṇ is the best of all bipeds, a cow of quadrupeds, a Guru of venerable things, a son of things possessed of touch : ' but sometimes with the locative ; as, नरेषु बलवत्तमः ' the most powerful of men : ' and even with an ablative ; as, धान्यानां सङ्ग्रह उन्नतः सर्वसङ्ग्रहात् ' a store of grain is the best of all stores.'

a. A superlative degree may even take a comparative affix, and govern the genitive ; as, तेषां ज्येष्ठतरम् ' the eldest of them.' See 194.

833. ' Comparison ' is often expressed by an adjective in the *positive* degree, joined with a noun in the ablative case ; as, नास्ति तस्मात् पुण्यवान् ' there is not a happier than he ; ' स मत्तो (719. a) महान् ' he is greater than me.'

a. In more modern Sanskrit ' comparison ' is sometimes expressed by the use of अपेक्ष्य ' regarding, ' with reference to ' (indecl. part. of the root ईक्ष् with अप), which may take the place of ' than ' in English ; thus, दशोपाध्यायान् अपेक्ष्य आचार्य्य आचार्य्यशतम् अपेक्ष्य पिता गौरवेण अतिरिक्ता भवति ' an Āchárya ought to be higher in estimation than ten Upádhyáyas, a father than a hundred Ācháryas.'

834. Many words have a kind of comparative influence, and require an ablative case, especially वरं, अवरं, अन्य, अन्यदा, अन्यत्र, इतर, पर, पूर्व, अधिक, जन, अवशिष्ट ; as, प्रक्षालनात् पङ्कस्य अस्पर्शिनं वरं ' it is better not to touch mud than to wash it off ; ' दारिद्र्यम् अवरं मरणात् ' poverty is less desirable than death ; ' को मां मित्राद् अन्यस् त्वातुं सनर्थः ' Who is able to rescue me, other than a friend ? ' किन्तु दुःखम् अतः परं ' What grief is greater than this ? ' न श्रुताद् अन्यद् विब्रूयात् ' one ought not to speak differently from what one has heard ; ' तत्कालाद् अन्यदा ' at another time than the present ; ' नरस्य न अन्यत्र मरणाद् भयं ' there is no cause of fear to man from any other quarter than from death ; ' श्राद्धाहात् (731. a, 778) पूर्वदिने ' on the day before that of the Śráddha ; ' योजनशतान् अधिकं ' more than a hundred Yojanas ; ' कान्ठोदन्नः सङ्गमात् किञ्चिद् जनः ' intelligence of a lover is something less than a meeting ; ' अन्नाद् अवशिष्टं ' the remainder of the food.'

NUMERALS.

835. The syntax of numerals is explained at 206. The following examples may be added : नवत्तरं नराणां ' of ninety men ; ' षष्टेरं नराणां ' of sixty men ; ' सहस्रस्य नराणां ' of a thousand men ; ' एषां त्रयाणां मध्याद् अन्यतमः ' one of these three.'

a. The aggregative numerals may sometimes be employed at the end of compounds for the cardinals ; thus, सैन्यद्वयं ' two armies ; ' विवाहचतुष्टयं ' four marriages.' See 214.

b. Numerals, if used partitively, may take the genitive ; as, अश्वानां शतसहस्राणि ' a hundred thousand of the horses : ' and, if comparatively, the ablative ; as, विवादात् द्विगुणो दमः ' a fine the double of that which is in dispute.'

SYNTAX OF PRONOUNS.

836. The chief peculiarities in the syntax of pronouns have already been noticed in Chapter V. pp. 94—101. It remains to offer one or two remarks with reference more especially to the relative and interrogative.

a. In the use of these pronouns a very peculiar *attraction* is often to be observed; that is, when either a relative or interrogative pronoun has been used, and an indefinite pronoun would naturally be expected to follow, the relative or interrogative are repeated, as in the following examples: यो यम् (for कस्यचित्) भावः स्यात् 'whatever may be the disposition of whom (i. e. any one);' यद् रोचते यस्मै 'whatever is pleasing to any one;' यो यस्य मांसम् अश्नाति 'whoever eats the flesh of any animal;' यस्य ये गुणाः सन्ति 'whatever excellencies belong to any one;' यद् येन युज्यते 'whatever corresponds with any thing;' केषां किं शास्त्रम् अध्ययनीयं 'What book is to be read by whom? (i. e. by any one).' See Bopp's Comparative Grammar, vol. II. p. 537.

837. The relative and interrogative are sometimes used together, in an indefinite distributive sense; as, यानि कानि मित्राणि 'any friends whatever;' or more usually with चित् affixed to the interrogative; as, यस्मै कस्मैचित् 'to any one whatever.'

a. The neuter of the interrogative (किं) is often joined with the instrumental to signify 'What is the use of?' 'there is no need of;' as, श्रुतेन किं यो न धर्मम् आचरेत् किम् आत्मना यो न जितेन्द्रियो भवेत् 'Of what use is scriptural knowledge (to one) who does not practice virtue? Of what use is a soul (to one) whose passions are not kept in subjection?' किं ते अनेन प्रश्नेन 'What business have you to make this inquiry?' किं बहुना 'What need of more!' 'in short.'

b. As already shown at 761, a relative pronoun is sometimes rendered unnecessary by the use of the relative compound; thus, नगरी चन्द्रिकाधोतहर्म्या is equivalent to नगरी यस्याश् चन्द्रिकाधोतानि हर्म्याणि 'a city whose palaces were silvered by the moon-beams.'

c. The relative, when followed by a pluperfect tense, may sometimes be expressed by the indeclinable participle; thus, सिंहो प्पार्थं हत्वा 'a lion having killed a hunter,' or 'a lion who had killed a hunter.'

838. The following examples will illustrate the use of pronouns of quantity and pronominals: यावतः (or यत्संख्यकान्) द्यासान् भुङ्क्ते तावतः (or तत्संख्यकान्) ददाति 'as many mouthfuls as he eats, so many he gives away;' यदि एतावन् मद्यं दीयते तदा एतावद् अध्यापयामि 'if so much is given to me, then I will give so much instruction;' तेषां सर्वेषां मध्याद् एकतनः 'one out of all those.' See also 801.

SYNTAX OF VERBS.

839. Nothing is more common in Sanskrit syntax than for the verb to be omitted altogether, or supplied from the context.

a. This is more especially the case with the copula, or substantive verb; thus, यावन् मेरुस्थिता देवा यावद् गङ्गा महीतले । चन्द्रार्कौ गगने यावत् तावद् विप्रकुले

वयं 'as long as the gods have existed in Meru, as long as the Ganges upon earth, as long as the sun and moon in the sky, so long have we (existed) in the family of Brahmans;' परिच्छेदः पाण्डित्यं 'discrimination (is) wisdom.'

Locative, Genitive, and Nominative absolute.

840. The locative case is very commonly used absolutely with participles; as, तस्मिन् जीवति जीवामि मृते तस्मिन् म्रिये पुनः 'he living I live, he dying I die;' अक्षयान्नायां रात्रौ 'the night being ended;' ज्येष्ठे भ्रातरि अनूढे 'the elder brother being unmarried;' असति उपायान्तरे 'there being no other expedient;' तथा सति 'it being so.' Sometimes the verb is omitted; as, दूरे भये 'the danger (being) distant.' When the passive participle is thus used absolutely with a noun in the locative case, the present participle of अस्, 'to be,' is often redundantly added; as, तथा कृते सति or तथा अनुष्ठिते 'it being so done *.'

a. The genitive is less commonly used absolutely; as, आपदाम् आपतन्तीनां 'calamities impending;' पश्यतां नराणां 'the men looking on.'

b. The nominative is very rarely thus used; as, सुहृन् मे समायातः पुण्यवान् अस्मि 'my friend having arrived, I am happy.'

c. It is evident from the above examples that the locative and genitive absolute often take the place of the particles 'when,' 'while,' 'since,' 'although.'

Nominative case after the Verb.

841. Verbs signifying 'to be,' 'to become,' 'to appear,' 'to be called,' or 'to be esteemed,' and other passive verbs used denominatively, may take a nominative after them; as, राजा प्रजापालकः स्यात् 'let a king be the protector of his subjects;' सा निरानन्दा प्रतिभाति 'she appears sorrowful;' ग्रामोऽरुख्यं प्रतिभाति 'the village appears like a desert;' राजा धर्मं अभिधीयते 'a king is called Justice.'

Accusative case after the Verb.

842. Transitive verbs generally govern this case; as, विश्वं समजं वेधाः 'Brahmá created the universe;' पुष्पाणि चिनोति नारी 'the woman gathers flowers;' प्राणान् जहौ सुमूर्धुः 'the dying man gave up the ghost;' मधु वर्जयेत् 'one should avoid wine;' तत्त्वं ब्रूहि 'speak the truth.'

843. So also verbs of motion; as, सरति तीर्थं मुनिः 'the holy man goes to the place of pilgrimage;' नद्यः समुद्रं द्रवन्ति 'rivers run into the ocean;' भ्रमति महीं 'he wanders over the earth.'

* Possibly the object of adding the word *sati* may be to show that the passive participle is here used as a participle, and not as a past tense. So also in commentaries सति is placed after a word like आगच्छति, to indicate the loc. c. sing. of the pres. part., as distinguished from the 3d sing. of the pres. tense.

844. Verbs of *motion* are not unfrequently used with substantives, to supply the place of other verbs; as, ख्यातिं याति 'he goes to fame,' for 'he becomes famous;' समताम् एति 'he goes to equality,' for 'he becomes equal;' तयोर् मित्रताम् आजगाम 'he came to the friendship of those two,' for 'he became a friend of those two;' पञ्चत्वं गतः 'he went to death,' for 'he died;' नृपतिं तुष्टिं नयति 'he brings the king to satisfaction,' for 'he satisfies,' &c.

a. The following are other examples: अन्येषां पीडां परिहरति 'he avoids paining others;' अप्राप्यम् इच्छति 'he desires what is unattainable;' विद्यां चिन्तयेत् 'he should think on wisdom;' अश्वम् आरोहति 'he mounts his horse;' कर्माणि आरभिरे 'they began the business;' गतान् मा शुचः 'grieve not for the departed;' सर्वलोकधिपत्यम् अर्हति 'he deserves the sovereignty of the universe;' पर्वतकन्दरं शेते 'he lies down in a cave of the mountain;' गां क्षीरं पिबन्तीं न निवारयेत् 'one ought not to prevent a cow from drinking milk.'

845. There are certain verbs which take a redundant accusative case after them of a substantive derived from the same root; as, शपथं शेषे 'he swore an oath;' वसति वामं 'he dwells;' वृत्ते वृत्तिं 'he conducts himself;' वाक्यं वदति 'he speaks a speech;' नदति नादं 'he raises a cry' (cf. the Greek expressions λέγω λόγον, χαίρω χαράν, &c.).

Double Accusative after the Verb.

846. Verbs of *asking* govern a double accusative; as, देवं वरं याचते 'he seeks a boon of the god;' धनं राजानं प्रार्थयते 'he begs money from the king.' Of *speaking*; as, राजानं वचनम् अत्रवीत् 'he addressed a speech to the king.' Of *leading*; as, तं गृहं नयति 'he leads him home.'

847. Causal verbs; as, अतिथिं भोजयति अन्नं 'he causes the guest to eat food;' त्वां बोधयामि यत् ते हितं 'I cause you to know what is for your interest;' शिष्यं वेदान् अध्यापयति गुरुः 'the Guru teaches his pupil the Vedas;' तां गृहं प्रवेशयति 'he causes her to enter the house;' फलपुष्पोदकं ग्राहयामास नृपात्मजं 'he presented the king's son with fruits, flowers, and water;' पुत्रम् अङ्गम् आरोपयति 'she causes her son to sit on her lap' (literally, 'her hip'); विद्या नरं नृपं सङ्गमयति 'learning causes a man to have access to a king.'

a. Other examples are, तं सेनापतिम् अभिषिपिचुः 'they inaugurated him general,' more usually joined with an acc. and loc.; देवं पतिं वरयति 'she chooses a god for her husband;' अवचिनोति कुसुमानि वृक्षान् 'she gathers blossoms from the trees;' तान् प्राहिणोद् यमसादनं 'he sent them to the abode of Yama' (Hades); स्वचेष्टितानि नरं गुरुत्वं विपरीततां वा नयन्ति 'his own acts lead a man to eminence or the reverse.'

Instrumental case after the Verb.

848. Any verb may be joined with the instrumental, to express 'the instrument or cause or manner' of the action; as, पुष्पं वातेन म्नायति 'the flower fades by reason of the wind;' अक्षेः क्रीडति 'he

plays with dice ;' मेघोऽग्निं वैर्षर् निर्वीपयति 'the cloud puts out the fire with its rain ;' सुखेन जीवति 'he lives happily.'

a. In this sense many causals take an instrumental ; as, तां मिष्टान्नैर् भोजयामास 'he caused her to eat sweetmeats ;' पक्षिभिः पिसदान् खादयति 'he causes the pieces to be eaten by the birds.'

849. After verbs of *motion* this case is used in reference either to *the vehicle by which*, or *the place on which*, the motion takes place ; as, रथेन प्रयाति 'he goes in a chariot ;' अश्वेन सञ्चरति 'he goes on horseback ;' मार्गेण गच्छति 'he goes on the road ;' शस्यक्षेत्रेण गच्छति 'he goes through a field of corn ;' पुत्रुवे सागरं नौकया 'he navigated the ocean in a boat.' Similarly, मुसाव नयनैः मलिलं 'tears flowed through the eyes.'

a. After verbs of *carrying*, *placing*, &c., it is used in reference to 'the place' on which any thing is carried or placed ; as, वहति मूढ्ना इन्धनं 'he bears fagots on his head ;' कुक्कुरः स्कन्धेन उन्नते 'the dog is borne on the shoulders.' कृ is found with this case in the sense of *placing* ; as, शिरसा पुत्रम् अकरोत् 'he placed his son on his head.' The following are other examples : शिष्येण गच्छति गुरुः 'the master goes in company with the pupil ;' मन्त्रयामास मन्त्रिभिः 'he consulted with his ministers ;' but in this sense सह is usually placed after it. भर्त्रो भार्यया सङ्गच्छति 'the husband meets the wife ;' संयोजयति रथं हयैः 'he harnesses the horses to the chariot ;' देहेन वियुज्यते 'he is separated from the body,' more usually with the ablative. युध्यते शत्रुभिः 'he fights his enemies,' or शत्रुभिः सह, &c. ; वैरं न केनचित् सह कुर्यात् 'one ought not to be at enmity with any one.'

850. Verbs of *boasting* ; as, विद्यया विक्रमसे 'you boast of your learning ;' परेषां यशसा आग्रामसे 'you glory in the fame of others.' Of *swearing* ; as, धनुषा शेषे 'he swore by his bow.' Of *thinking*, *reflecting* ; as, मनसा विचिन्त्य 'thinking in his mind.'

851. Verbs denoting *liberation*, *freedom from*, sometimes take an instrumental after them ; as, सर्वपापैः प्रमुच्यते 'he is released from all sins.'

852. Verbs of *buying* and *selling* take the instrumental of the price ; as, सहस्रैर् अपि मूर्खाणाम् एकं क्रीणीष्व पसिदतं 'buy one wise man even for thousands of fools ;' गवां सहस्रेण गृहं विक्रीणीते 'he sells his house for a thousand cows.'

Dative after the Verb.

853. All verbs in which a sense of *imparting* or *communicating* any thing to any object is inherent, may take an accusative of the thing imparted, and a dative of the object to which it is imparted. (Frequently, however, they take a genitive or even a locative of the object ; see 857.) पुत्राय मोदकान् ददाति 'he gives sweetmeats to his son ;' विप्राय गां प्रतिशृणोति 'he promises a cow to the Bráhmaṇ ;' देवदत्ताय धनं धारयति 'he owes money to Devadatta ;' कन्यां तस्मै प्रतिपादय 'consign the maiden to him,' more usually with the locative ; see 861.

a. Other examples of the dative are, *तेषां विनाशाय प्रकुरुते मनः* 'he sets his mind on their destruction;' *गमनाय मतिं दधौ* 'he set his mind on departure,' or with the locative. *तन् मम रोचते* 'that is pleasing to me;' *शिष्येभ्यः प्रवक्ष्यामि तत्* 'I will declare this to my pupils;' *सर्वं राज्ञे विज्ञापयति* 'he makes known all to the king,' these are also joined with the genitive of the person. *अमृतत्वाय कल्पते* 'he is rendered fit for immortality;' *प्रभवति मम वधाय* 'he has the power to kill me;' *तान् मातुर् वधाय अचोदयत्* 'he incited them to the murder of their mother;' *पुत्राय क्रुध्यति* 'he is angry with his son.'

Ablative after the Verb.

854. All verbs may take an ablative of 'the object' from which any thing proceeds, or arises, or is produced; as, *भश्यति वृक्षात् पत्रं* 'the leaf falls from the tree;' *रुधिरं श्रवति गात्रात्* 'blood flows from the body;' *आसनाद् उच्चिद्यति* 'he rises from his seat;' *मृत्पिण्डतः (719) कर्त्ता कुरुते यद्यद् इच्छति* 'from the lump of clay the artist makes whatever he wishes;' *विनयाद् याति पाठतां* 'from education a person attains capacity;' *निर्जगाम नगरात्* 'he went out from the city.'

855. Verbs of *fearing* are joined with the ablative, and sometimes with the genitive; as, *साधुर् न तथा मृतोर् विभेति यथा अनृतात्* 'a good man does not fear death so much as falsehood;' *मा शब्दाद् विभीते* 'he not afraid of a noise;' *दण्डाद् उद्विजते जगत्* 'the whole world stands in awe of punishment;' *दक्षिणस्य ते कृतपश्चात्तापस्य विभेमि* 'I fear thee, a cunning penitent;' see 859.

856. Verbs which express *superiority* or *comparison* govern an ablative; as, *प्रापणात् कामानां परित्यागो विशिष्यते* 'the abandonment of pleasure is superior to (better than) the possession.'

a. Other examples of verbs followed by ablative cases are, *प्रामादाद् अवरोहति* 'he descends from the palace;' *विष्णुः स्वर्गाद् अवततार* 'Vishṇu descended from heaven;' *कनकमूत्रम् अङ्गाद् अवतारयति* 'he takes off (causes to descend) the golden bracelet from his body;' *निवर्त्तते पापात्* 'he ceases from wickedness;' *वचनाद् विरराम* 'he left off speaking;' *नरकात् पितरं त्वायते पुत्रो धार्मिकः* 'a virtuous son saves his father from hell;' *अश्रमेधमहसात् सत्यम् अतिरिच्यते* 'truth is superior to a thousand sacrifices;' *स्वहितात् प्रमाद्यति* 'he neglects his own interest;' *मित्रम् अकुशुलाद् निवारयति* 'a friend guards one from evil.'

Genitive after the Verb.

857. The genitive in Sanskrit is constantly interchangeable with the dative, locative, or even accusative*. It is more especially, however, used to supply the place of the first of these cases, so that

* This vague use of the genitive to express 'various relations' prevails also in early Greek.

almost all verbs may take a genitive as well as dative of 'the object' to which any thing is imparted. For example, दरिद्रस्य धनं ददाति 'he gives money to the poor.'

858. It may be used for the locative after verbs of *consigning*, as निक्षेपं मम समर्पयति 'he deposits a pledge with me;' or of *trusting*, as न कश्चित् स्त्रीणां अर्हधाति 'nobody puts trust in women:;' and for the accusative in examples such as अचिन्तितानि दुःखानि आयाति देहिनां 'unexpected ills come upon corporeal beings.'

859. It is sometimes used after verbs of *fearing*; as, तस्य किं न भेष्यसि 'Why art thou not afraid of him?' see 855. Also after verbs of *longing for*, *desiring*, *envying*; as, शत्रुमानस्य आकांक्षेत् 'he should desire contempt;'; मृहयामि पुरुषाणां सचक्षुषां 'I envy men who possess eyes.'

a. Other examples of verbs followed by genitive cases are, अज्ञानताम् अस्माकं ख्यापय कस्य असि भार्या 'tell us, who are ignorant of it, whose wife you are;'; कस्य (for कस्मात्) विभ्यति धार्मिकाः 'Of whom are the righteous afraid?'; यद् अन्यस्य प्रतिजानीते न तद् अन्यस्य दद्यात् 'one should not give to one what one promises to another;'; मम न शृणोति 'he does not hear me' (cf. the Greek usage); मम स्मरे: 'remember me,' or with the accusative. अस्माकं मृत्युः प्रभवति 'death overcomes us;'; अग्निर् न तृपति काष्ठानां 'fire is not satisfied with fuel;'; तेषां क्षमेयाः 'forgive them.'

Locative after the Verb.

860. This case is very widely applicable, but, as elsewhere remarked, is frequently interchangeable with the dative and genitive. The first sense of the locative requires that it should be united with verbs in reference only to 'the place' or 'time' in which any thing is done; as, पङ्के मज्जति 'he sinks in the mud;'; पुरे वसति 'he dwells in the city;'; रणभूमिर् तिष्ठति 'he stands in the front of the fight;'; सूर्योदये प्रबुध्यते 'at sunrise he awakes.'

861. The transition from 'the place' to 'the object' or 'recipient' of any action is natural; and hence it is that verbs are found with the locative of 'the object' to which any thing is imparted or communicated, as in the following examples: मा प्रयच्छ ईश्वरे धनं 'bestow not money on the mighty;'; तस्मिन् कार्येणि निक्षिपामि 'I entrust my affairs to him;'; पुत्रे अङ्गुरीयकं समर्पयति 'he consigns a ring to his son;'; योग्ये सचिवे व्यस्यति राज्यभारं 'he entrusts the burden of the kingdom to a capable minister;'; राज्ञि or राजकुले निवेदयति 'he informs the king;'; प्रेतं भूमौ निदध्यात् 'one should place (bury) a dead man in the ground;'; धर्मं मनो दधाति 'he applies his mind to virtue.'

a. In this sense कृ is used; as, पृष्ठे इन्धनम् अकरोत् 'he placed the wood on his back;'; मतिं पापे करोति 'he applies his mind to sin.'

862. When दा, 'to give,' is used for 'to put,' it follows the same analogy; as,

तस्य पुच्छाग्रे हस्तं देहि 'put your hand on the end of its tail;' भस्मचये पदं ददौ 'he placed his foot on a heap of ashes.' Similarly, वस्त्राञ्चले धृतोऽस्ति 'he was held by the skirt of his garment.' So also verbs of *seizing, striking*; as, केशेषु गृह्णाति or आकृषति 'he seizes or drags him by the hair;' सुप्ते प्रहरति 'he strikes a sleeping man.'

863. The locative is often put for the dative in sentences where the latter case stands for the infinitive; thus, भर्तुर् अन्वेषणे त्वरस्व 'hasten to seek thy spouse;' नलस्य आनयने यतस्व 'strive to bring Nala hither;' न शुकुम् तस्य धनुषो ग्रहणे 'they could not hold that bow.'

a. Other examples are, उग्रे तपसि वर्त्तते 'he is engaged in a very severe penance;' परकार्येषु मा व्यापृते भूः 'do not busy yourself about other people's affairs;' विषयेषु सज्यते 'he is addicted to objects of sense;' सर्वलोकहिते रमते 'he delights in the good of all the world;' दुर्गाधिकारे नियुज्यते 'he is appointed to the command of the fort;' द्वौ वृषभौ धुरि नियोजयति 'he yokes two bulls to the pole;' सेनापत्ये अभिषिञ्च मां 'anoint me to the generalship;' यतते पापनिग्रहे 'he strives to suppress evil-doers.'

b. न मद्भिधे युज्यते वाक्यम् ईदृशं 'such language is not suited to a person like me;' प्रभुत्वं त्वयि प्रयुज्यते 'sovereignty is suited to you;' आसने उपाविशत् 'he reclined on a seat;' वृष्याम् आसस्व 'sit thou on a cushion;' शत्रुषु विश्वसिति 'he confides in his enemies;' चरणयोः पतति 'it falls at his feet;' लुठति पादेषु 'it rolls at the feet.'

Change of case after the same Verb.

864. This sometimes occurs; as, विधुरो धृतराष्ट्राय कुन्ती च गान्धार्याः सर्वं न्यवेदयेतां 'Vidūra and Kuntī announced every thing, the one to Dhṛitarāshṭra, the other to Gāndhārī' (Astraśikshā 34), where the same verb governs a dative and genitive. Similarly, in the Hitopadeśa, शृङ्गिणां विश्वासो न कर्त्तव्यः स्त्रीषु च 'confidence is not to be placed in horned animals or women.'

INSTRUMENTAL CASE AFTER PASSIVE VERBS.

865. The prevalence of a passive construction is the most remarkable feature in the syntax of this language. Passive verbs are joined with 'the agent, instrument, or cause,' in the instrumental case*, and agree with 'the object' in number and person; as, वातेन रज उड्यते 'the dust is raised by the wind;' तेन सर्वदृव्याणि सज्जीक्रियन्तां 'let all things be prepared by him;' इषुभिर् आदित्योऽन्तरधीयत 'the sun was concealed by arrows.'

866. But the passive participle usually takes the place of the *past tenses* of the passive verb, and agrees with 'the object' in *gender* and *case* as well as number;

* There are a few instances of the agent in the genitive case; as, मम कृतं पापं, 'a crime committed by me,' for मया.

as, **नेत्राणि ममाश्रुतानि वारिणा** ' (their) eyes were suffused with tears; ' **तेन उक्तं** (**इदं** being understood) ' it was said by him.' Compare 895.

a. This instrumental construction after passive verbs is a favourite idiom in Sanskrit prose composition, and the love for it is remarkably displayed in such phrases as the following : **दुःखेन गम्यते**, ' he is gone to by misery,' for **दुःखं गच्छति**; and **आगम्यतां देवेन**, ' let it be come by your majesty,' for **आगच्छतु देवः**; and again, **अस्माभिर् एकत्र स्थीयतां**, ' let it be remained by us in one spot,' for ' let us remain in one spot; ' **येन मार्गेण इष्टं तेन गम्यतां** ' by whatever road it is desired, by that let it be gone.'

b. Active or causal verbs, which take a double accusative, will retain one accusative when constructed passively; but the other accusative passes into a nominative case: thus, instead of **स मां परुषाणि उवाच**, ' he addressed me in harsh words,' may be written **तेन अहं परुषाणि उक्तः**, ' by him I was addressed in harsh words.'

SYNTAX OF THE INFINITIVE MOOD.

867. The infinitive in Sanskrit cannot be employed with the same latitude as in other languages. Its use is very limited, corresponding to that of the Latin *supines*, as its termination *um* indicates.

a. Let the student, therefore, accurately distinguish between the infinitive of Sanskrit and that of Latin and Greek. In these languages we have the infinitive made the subject of a proposition; or, in other words, standing in the place of a nominative, and an accusative case often admissible before it. We have it also assuming different forms, to express present, past, or future time, and completeness or incompleteness in the progress of the action. The Sanskrit infinitive, on the other hand, can never be made the subject or nominative case to a verb, admits of no accusative before it, and can only express indeterminate time and incomplete action. Wherever it occurs it must always be considered as the object, and never the subject, of some verb expressed or understood. And, as the object of the verb, it may be regarded as equivalent to an indeclinable substantive, in which the force of two cases, an accusative and dative*, is inherent, and which differs from other substantives in its power of governing a case. Its use as a substantive, with the force of the *accusative* case, corresponds to one use of the Latin infinitive; thus, **तत् सर्वं श्रोतुम् इच्छामि** ' I desire to hear all that,' ' *id audire cupio*,' where **श्रोतुं** and *audire* are both equivalent to accusative cases, themselves also governing an accusative. Similarly, **रोदितुं प्रवृत्ता** ' she began to weep; ' and **महीं जेतुम् आरभे** ' he began to conquer the earth,' where **महीजयम् आरभे**, ' he began the conquest of the earth,' would be equally correct.

* Bopp considers the termination of the infinitive to be the accusative of the affix **तु** (459. a); and it is certain that in the Vedas an irregular infinitive in **तवे** and **तवे** is found, which would seem to be the dative of the same affix. See Pānini III. 4. 9.

868. But the Sanskrit infinitive most commonly involves a sense which belongs especially to the Sanskrit dative, viz. that of 'the end' or 'purpose' for which any thing is done; thus, शावकान् भक्षितुम् आगच्छति 'he comes to devour the young ones;' शत्रून् योद्धुं सैन्यं प्राहिणोत् 'he sent an army to fight the enemy.'

a. In these cases it would be equally correct in Sanskrit to substitute for the infinitive the dative case of the verbal noun, formed with the affix *ana*; thus, भक्षणाय, 'for the eating,' for भक्षितुं; योधनाय, 'for the fighting,' for योद्धुं; and in Latin the infinitive could not be used at all, but either the supine, *decoratum, pugnatum*, or, still more properly, the conjunction with the subjunctive mood, 'ut devoret,' 'ut pugnarent.' The following are other examples in which the infinitive has a dative force in expressing 'the purpose' of the action: पानीयं पातुं नदीम् अगमत् 'he went to the river to drink water;' मम बन्धनं छेत्तुम् उपसर्पति 'he comes to cut asunder my bonds;' मां द्वातुं समर्थः (अस्ति being understood) 'he is able to rescue me;' पाशान् संवरितुं मयत्नो बभूव 'he busied himself about collecting together the snares.'

869. The Sanskrit infinitive, therefore, has more of the character of a supine than an infinitive; and in its character of supine is susceptible of either an active or passive signification. In its passive character, however, like the Latin *supine* in *u*, it is joined with certain words only, the most usual being the passive verbs शक् 'to be able' and युज् 'to be fitting,' and their derivatives; thus, त्यक्तुं न शक्यते 'it cannot be abandoned;' पाशो न छेत्तुं शक्यते 'the snare cannot be cut;' न शक्याः समाधातुं ते दोषाः 'those evils cannot be remedied;' श्रोतुं न युज्यते 'it is not fitting to be heard;' छेत्तुम् अयोग्यः 'unfit to be cut;' त्वया न युक्तम् अवमानम् अस्य कर्तुं 'contempt is not proper to be shown by thee for him.'

a. The following are other instances: मण्डपः कारयितुम् आरम्भः 'the shed was begun to be built;' राज्ये अभिषेक्तुं भवान् निरूपितः 'your honour has been selected to be inaugurated to the kingdom;' अर्हति कर्तुं 'it deserves to be done' (Naiśadiya V. 112); कर्तुम् अनुचितं 'improper to be done' (cf. *factu indignum* and *ποιεῖν αἰσχροῦν*); सा मोचयितुं न्याय्या 'she ought to be released.'

870. The root अर्ह् 'to deserve,' when used in combination with an infinitive, is usually equivalent to 'an entreaty' or 'respectful imperative;' as, धर्मान् नो वक्तुम् अर्हसि 'deign (or simply 'be pleased') to tell us our duties.' It sometimes has the force of the Latin *debet*; as, न मातृशी त्वाम् अभिभाषुम् अर्हति 'such a person as I ought not to address you;' न एनं शोचितुम् अर्हसि 'you ought not to bewail him.'

871. The infinitive is sometimes joined with the noun काम, 'desire,' to form a kind of compound adjective, expressive of 'the wish' to do any thing, but the

final *m* is then rejected; thus, **द्रष्टुकामः**, -मा, -मं, 'desirous of seeing;' **जेतुकामः**, -मा, -मं, 'wishing to conquer.'

a. In the 2d Act of Vikramorvaśī the infinitive is joined in the same way with **मनस्**; thus, **स द्रष्टुमनाः** 'he has a mind to see.'

872. When *kim* follows the infinitive a peculiar transposition sometimes takes place, of which the 1st Act of Śakuntalā furnishes an example; thus, **सखीं ते ज्ञातुम् इच्छामि किम् अनया वैखानसं व्रतं निषेधितव्यं**, 'I wish to know thy friend, whether this monastic vow is to be observed by her,' for **ज्ञातुम् इच्छामि किं सख्या ते &c.** 'I wish to know whether this vow is to be observed by thy friend.'

USE AND CONNEXION OF THE TENSES.

873. PRESENT TENSE.—This tense, besides its proper use, is often used for the future; as, **क्व गच्छामि** 'Whither shall I go?' **कदा त्वां पश्यामि** 'When shall I see thee?' **किं करोमि** 'What shall I do?' and sometimes for the imperative; as, **तत् कुर्मस्** 'let us do that.'

874. In *narration* it is commonly used for the past tense; as, **स भूमिं स्पृष्ट्वा कर्णौ स्पृशति ब्रूते च** 'he, having touched the ground, touches his ears, and says.'

875. It may denote 'habitual' or 'repeated' action; as, **मृगः प्रत्यहं तत्र गत्वा शस्यं खादति** 'the deer going there every day was in the habit of eating the corn;' **यदा स मूपिकशब्दं शृणोति तदा विडालं संवर्द्धयति** 'whenever he heard the noise of the mouse, then he would feed the cat.'

876. It is usually found after **यावत्** and **तावत्**; as, **यावन् मे दन्ता न लुब्धन्ति तावत् तव पाशं छिनत्सि** 'as long as my teeth do not break, so long will I gnaw asunder your fetters.' (Compare the use of the Latin *dum*.)

877. The present tense of the root **आस्**, 'to sit,' 'to remain,' is used with the present participle of another verb, to denote 'continuous' or 'simultaneous' action; as, **पशूनां वधं कुर्वन् आस्ते** 'he keeps making a slaughter of the beasts;' **मम पश्चाद् आगच्छन् आस्ते** 'he is in the act of coming after me.'

878. The particle **स्म**, when used with the present, gives it the force of a perfect; as, **प्रविशन्ति स्म पुरीं** 'they entered the city;' **निवसन्ति स्म** 'they dwelt.'

879. POTENTIAL.—The name of this tense is no guide to its numerous uses. Perhaps its most common force is that of 'fitness' in phrases, where in Latin we should expect to find *oportet* with the infinitive; as, **आगतं भयं वीक्ष्य नरः कुर्याद् यद्योचितं** 'having beheld danger actually present, a man should act in a becoming manner.'

880. It is also employed, as might be expected, in indefinite general expressions; as, **यस्य यो भावः स्यात्** 'whatever may be the disposition of any one;' **यदा राजा स्वयं न कुर्यात् कार्यदर्शनं** 'when the king may not himself make investigation of the case;' **अप्राप्तकालवचनं ब्रुवन् प्राप्नुयाद् अपमानं** 'by uttering unseasonable words one may meet with dishonour.'

a. Especially in conditional sentences; as, यदि राजा दण्डं न प्रणयेत् स्वाम्यं कस्मिंश्चिन् न स्यात् सर्वमेतवश्च भिद्येरन् 'if the king were not to inflict punishment, ownership would remain with nobody, and all barriers would be broken down.' Sometimes the conjunction is omitted; as, न भवेत् 'should it not be so;' न स्यात् पराधीनः 'were he not subject to another.'

881. The potential often occurs as a softened imperative, this language, in common with others in the East, being averse to the more abrupt form; thus, गच्छेः, 'do thou go,' for गच्छ; and अद्यात् फलानि, 'let him eat fruits,' for अन्तु.

882. IMPERATIVE.—This tense yields the usual force of 'command' or 'entreaty;' as, आश्रमिहि 'take courage;' माम् अनुस्मर 'remember me.' मा, and not न, must be used in prohibition; as, अनृतं मा ब्रूहि 'do not tell a falsehood;' मा लज्जस्व 'be not ashamed;' see 889. The first person is used to express 'necessity,' see example at 796.

a. The 3d pers. singular is sometimes used interjectionally; thus, भवतु 'Be it so!' 'Well!' यातु 'Let it go!' 'Come along!' 'Come!'

883. It is sometimes employed in conditional phrases to express 'contingency;' as, अनुजानीहि मां गच्छामि 'permit me, (and) I will go,' i. e. 'if you will permit me, I will go;' आज्ञापय हन्मि दुष्टजनं 'if you command me, I will kill the villain;' अभयवाचं मे यच्छ गच्छामि 'if you give me a promise of security, I will go.'

884. FIRST PRETERITE.—Although this tense properly has reference to 'past incomplete action' (see 242), and has been so rendered in the examples given at pp. 198—267, yet it is most commonly used to denote 'indefinite past time,' without any necessary connexion with another action; as, अर्थं ग्रहीतुं यत्नम् अकरवंच 'I made an effort to collect wealth,' not necessarily 'I was making.'

885. SECOND PRETERITE.—As observed at 242, this tense is properly used to express 'an action done at some definite period of past time;' as, कौशल्यादयो नृपतिं दशरथं चक्रन्दुः 'Kausalyā and the others bewailed king Daśaratha.' It is frequently, however, employed indeterminately.

886. FIRST FUTURE.—This tense expresses 'definite futurity;' as, तामु दिक्षु कामस्य फलं लभसि 'in those regions thou shalt obtain the fruit of thy desire;' but is not so frequently found as the second future.

887. SECOND FUTURE.—This tense, although properly indefinite, is employed to express 'all degrees and kinds of futurity,' immediate or remote, definite or indefinite; as, स्वादु पयः पास्यसि 'thou shalt

drink sweet water ;' तत्र अवश्यं पत्नीं द्रक्ष्यति 'there certainly he will see his wife.'

a. It is sometimes used for the imperative ; as, यद् देयं तद् दास्यमि 'whatever is to be given, that you will give,' (do thou give.)

888. THIRD PRETERITE.—This tense properly expresses 'time indefinitely past ;' as, अभून् नृपः 'there lived (in former times) a king ;' see 242.

889. It is also employed to supply the place of the imperative, after the prohibitive particle मा or मास्म, the augment being omitted ; as, मा कृथाः 'do not make ;' मा त्याग्नीः समयं 'do not lose the opportunity ;' मास्म अनृतं वादीः 'do not tell an untruth ;' मा क्रुधः 'do not be angry ;' मा शुचः 'do not grieve ;' मा हिंसीः 'do not injure ;' मा भयीः 'be not afraid.'

890. BENEFACTIVE.—Only one example of this tense occurs in the Hitopadeśa : नित्यं भूयात् सकलमुखवसतिः 'May he constantly be the abode of all happiness !' It is chiefly used in pronouncing benedictions. Also in imprecations.

a. In the latter case a noun formed with an affix *ani* is frequently used ; thus, अजीवनिम् ते भूयात् 'May there be loss of life to thee !' 'Mayst thou perish !'

891. CONDITIONAL.—This tense is even less frequent than the last. It is used in conditional propositions, as illustrated by the following example from Manu : यदि राजा दण्डं न प्रणयेत् तदा शूले मत्स्यान् इव अपहस्यन् दुर्बलान् बलवन्तराः 'if the king were not to inflict punishment, then the stronger would roast the weak like fish on a spit ;' or, according to the Scholiast, हिंसाम् अकरिष्यन् 'would cause injury.'

SYNTAX OF PARTICIPLES.

892. Participles in Sanskrit often discharge the functions of the tenses of verbs. They are constantly found occupying the place of past and future tenses, and more especially of passive verbs, insomuch that an instance of a passive in any other tense than the present or imperative rarely occurs.

893. Participles govern the cases of the verbs whence they are derived ; as, व्याधं पश्यन् 'seeing the fowler ;' अरण्ये चरन् 'walking in the forest ;' तत् कृतवान् 'he did that ;' शब्दम् आकर्ण्य 'having heard a noise ;' पानीयम् अपीत्वा गतः 'he went away without drinking water.'

a. In the case of passive participles, as will presently appear, the agent is put in the instrumental case ; and the participle agrees with the object, like an adjective.

Present Participles.

894. These are not so commonly used in Sanskrit composition as past and future participles, but they are often idiomatically employed,

especially where in English the word 'while' or 'whilst' is introduced; thus, अहं दक्षिणारण्ये चरन् अपश्यं 'whilst walking in the southern forest, I beheld,' &c.

Past Passive Participle.

895. This most useful participle is constantly used to supply the place of a perfect tense passive, sometimes in conjunction with the auxiliary verbs *as* and *bhú*, 'to be;' thus, आदिष्टोऽस्मि 'I am commanded;' वयं विस्मिताः स्मः 'we are astonished' (compare 866). Of course the participle is made to agree adjectively with the object in gender, number, and case, as in Latin; and the agent, which in English would probably be in the nominative, and in Latin in the ablative, becomes in Sanskrit instrumental. Thus, in Sanskrit, the phrase 'I wrote a letter' would not be so idiomatically expressed by अहं पत्रं लिलेख, as by मया पत्रं लिखितं or मया पत्रं लिखितं आसीत् 'by me a letter was written,' 'a me epistola scripta.' So again, तेन बन्धनानि छिन्नानि 'by him the bonds were cut' is more idiomatic than स बन्धनानि चिच्छेद् 'he cut the bonds;' and तेन उक्ते 'by him it was said' is more usual than स उवाच 'he said *.'

896. But frequently the past passive participle is used as an active past participle; in which case it may sometimes govern the accusative case, like a perfect tense active; thus, स वृक्षम् आरूढः 'he ascended the tree;' स गृहं गतः or आगतः 'he went home;' वर्त्म तीर्थीः 'having crossed the road;' अहं पदवीम् अवतीर्थीऽस्मि 'I have descended to the road;' अहं नगरीम् अनुप्राप्तः 'I reached the city;' आवाप्तं आश्रमं प्रविष्टौ स्वः 'we two have entered the hermitage.' But observe, that its active use is generally, though not invariably, restricted to verbs which involve the idea of 'motion,' and to a few neuter verbs. The following are other examples: पक्षिण उपतिताः 'the birds flew away;' स मृतः 'he died;' व्याधो निवृत्तः 'the fowler returned;' स भक्षयितुं प्रवृत्तः 'he proceeded to eat;' स प्रसुप्तः 'he fell asleep;' ते स्थिताः 'they stood.'

a. Occasionally this participle is susceptible of a present signification; thus, स्थित 'stood' may sometimes be translated 'standing,' and भीत 'fearing.'

b. The neuter of the passive participle is sometimes used as a substantive; thus, दत्तं 'a gift;' खातं 'an excavation;' अन्नं 'food;' दुग्धं 'milk.'

* This instrumental or passive construction, which is so prevalent in Sanskrit, has been transferred from it to Hindí, Maráthí, Guzeráti, and other dialects of India. The particle *ne* in Hindí and Hindústání corresponds most clearly to the Sanskrit न *na*, the final letter of the commonest termination for the instrumental case; and this particle can never occasion any difficulty if so regarded.

Active Past Participle.

897. This participle is much used (especially in modern Sanskrit and the writings of commentators) to supply the place of a perfect tense active. It may govern the case of the verb; as, सर्वं श्रुतवान् 'he heard every thing;' पत्नी पतिम् आलिङ्गितवती 'the wife embraced her husband;' राज्ञो हस्ते फलं दत्तवान् 'he gave the fruit into the hand of the king;' तत् कृतवती 'she did that.' This participle may also be used with the auxiliaries *as* and *bhú*, 'to be,' to form a compound perfect tense; thus, तत् कृतवान् अस्ति 'he has done that;' तत् कृतवान् भविष्यति 'he will have done that.'

Indeclinable Past Participles.

898. The sparing use made in Sanskrit composition of relative pronouns, conjunctions, and connective particles, is mainly to be attributed to these participles, by means of which the sense of a clause may be suspended, and sentence after sentence strung together without the aid of a single copulative. They occur in narration more commonly than any other kind of participle; and some of the chief peculiarities of Sanskrit syntax are to be traced to the frequency of their occurrence.

899. They are generally used for the past tense, as united with a copulative conjunction, and are usually translatable by the English 'having,' 'when,' 'after,' 'by,' see 555; thus, तद् आकर्ष्य निश्चितम् एव अयं कुङ्कुर इति मत्वा द्वागं त्यक्त्वा स्नात्वा स्वगृहं ययौ 'having heard this, having thought to himself "this is certainly a dog," having abandoned the goat, having bathed, he went to his own house.' In all these cases we should use in English the past tense with a conjunction; thus, 'When he had heard this, he thought to himself that it must certainly be a dog. He then abandoned the goat, and, when he had bathed, went to his own house.'

a. It is evident from the above example that the indeclinable participles often stand in the place of a pluperfect tense, a tense which does not really exist in Sanskrit.

b. But although they always refer to something past, it should be observed that they are frequently rendered in English by the present participle, as in the fifth sentence of the story at 930.

900. Another, though less frequent, use of them is as gerunds in *do*; thus, नराः शास्त्राण्य् अधीत्य * भवन्ति परिदताः 'men become wise by reading the Śástras;'

* As the Latin gerund is connected with the future participle in *du*, so the Sanskrit indeclinable participle in *ya* is connected with the future passive participle in *ya*.

भाय्या अप् सकार्यशतं कृत्वा भर्त्त्र्या 'a wife is to be supported even *by* doing a hundred wrong things;' किं पौरुषं हत्वा मुन्नं 'What bravery is there *in* killing a sleeping man?'

901. The termination **त्वा** *twá* of this participle is probably the instrumental case of the same affix of which the infinitive termination (*um*) is the accusative; see 459. *a*. There can be little doubt that the indeclinable participle bears about it much of the character of an instrumental case. It is constantly found in grammatical connexion with the agent in this case; thus, सैद्धैः पशुभिर् मिलित्वा सिंहो विन्नः 'by all the beasts having met together the lion was informed;' सैद्धैर् जालम् आदाय उड्डीयतां 'by all having taken up the net let it be flown away.'

a. Another and perhaps stronger proof of its instrumental character is, that the particle **अलं**, which always governs the instrumental case, is not unfrequently joined with the indeclinable participle; thus, **अलं भोजनेन**, 'enough of eating,' is with equal correctness of idiom expressed by **अलं भुक्त्वा**; see 918. *a*.

Future Passive Participles.

902. The usual sense yielded by this participle is that of 'fitness,' 'obligation,' 'necessity' (see 568); and the usual construction required is, that the agent on whom the duty or necessity rests be in the instrumental case, and the participle agree with the object; as, त्वया प्रवृत्तिर् न विधेया 'by you the attempt is not to be made.'

a. Sometimes, however, the agent is in the genitive case; thus, द्विजातीनां भक्ष्यम् अन्नं 'boiled rice is to be eaten by Bráhmans.' Compare 865, note.

903. Occasionally the future passive participle may yield a sense equivalent to 'worthy of,' 'deserving of;' thus, कश्य 'deserving a whipping;' ताडनीय 'worthy of being beaten;' मुसल्य 'deserving death by pounding;' बध्य 'worthy of death.'

904. If the verb govern two accusatives, one may be retained after the future passive participle; as, नयनसलिलं त्वया शान्तिं नेयं 'the tear of the eye is to be brought to assuagement by thee.'

905. Occasionally the neuter of this participle is used impersonally; in which case it does not agree with the object, but may govern it in the manner of the verb; thus, मया ग्रामं गन्तव्यं, 'it is to be gone by me to the village,' for मया ग्रामो गन्तव्यः. So also, त्वया सभां प्रवेष्टव्यं 'by you it is to be entered into the assembly.'

a. The neuter भवितव्यं (from भू) is thus used, and, in accordance with 841, requires the instrumental after it, as well as before; thus, केनापि कारणेन भवितव्यं 'by something it must become the cause,' i. e. 'there must be some cause;' स्वामिना सविशेषेण भवितव्यं 'a ruler ought to be possessed of discrimination;' मया तव अनुचरेण भवितव्यं 'I must become your companion.'

906. Similarly, the neuter of शक्य may be adverbially used, and impart at the same time a passive sense to the infinitive; thus, पवनः शक्यम् आलिङ्गितुम् अङ्गैः for पवनः शक्यः &c. 'the breeze is able to be embraced by the limbs' (Sak. Act III). Again, शक्यम् अञ्जलिभिः पातुं वाताः 'the breezes are able to be drunk

by the hollowed palms;’ **विभूतयः शक्यम् अवाप्तुं** ‘great successes are able to be obtained.’

907. It is not uncommon to find this participle standing merely in the place of a future tense, no propriety or obligation being implied, just as the past passive participle stands in the place of a past tense; thus, **नूनम् अनेन लुब्धकेन मृगमांसाधिना गन्तव्यं** ‘in all probability this hunter will go in quest of the deer’s flesh,’ where **गन्तव्यं** is used impersonally; **त्वां दृष्ट्वा लोकैः किञ्चिद् वक्तव्यं** ‘when the people see you, they will utter some exclamation;’ **यदि पक्षी पतति तदा मया खादितव्यः** ‘if the bird falls, then it shall be eaten by me.’ See also the eleventh sentence of the story at 930.

908. The neuter of this participle is sometimes used infinitively or substantively, as expressive merely of ‘the indeterminate action’ of the verb, without implying ‘necessity’ or ‘fitness.’ In such cases **इति** may be added; thus, **वञ्चयितव्यम् इति** ‘the being about to deceive;’ **मर्त्त्यव्यम् इति** ‘the being about to die;’ but not always; as, **जीवितव्यं** ‘life.’

Participial Nouns of Agency.

909. The first of these nouns of agency (580) is constantly used in poetry as a substitute for the present participle; implying, however, ‘habitual action,’ and therefore something more than present time. They are sometimes found governing the same case as the present participle, but they are always united with the word which they govern in one compound; thus, **पुरञ्जय** ‘city-conquering;’ **प्रियंवद** ‘speaking kind words;’ **जलेचर** ‘going in the water;’ **सरसिज** ‘lake-born.’ The word which they govern is often in the crude base; thus, **तेजस्कर**, ‘light-making’ (see 69), from *tejas* and *kṛi*; **मनोहर**, ‘mind-captivating,’ from *manas* and *hṛi* (64); **बहुद**, ‘giving much,’ from *bahu* and *dá*; **आत्मज्ञ**, ‘self-knowing,’ from *átman* and *jñá* (57. b).

910. The second (581) is sometimes, but rarely, found as a participle governing the case of the verb; thus, **वाक्यं वक्त्रा** ‘speaking a speech;’ **बहुमार्गीणां वोढा** ‘bearing the Ganges.’

911. The first and second species of the third (582. a. b), like the first, have often the sense of present participles, and are then always united with the crude base of the word which they govern in one compound; thus, **मनोहारिन्**, ‘mind-captivating,’ from *manas* and *hṛi*; **कार्यसाधक**, ‘effective of the business,’ from *kárya* and *sidh*. They may sometimes govern the case of the verb whence they are derived, and may then be compounded, or not, with the word which they govern; thus, **ग्रामेवासिन्**, ‘dwelling in a village,’ or **ग्रामे वासिन्**; **मुकुलानि चुम्बक** ‘kisser of the buds’ (Ratnávali, p. 7).

SYNTAX OF CONJUNCTIONS, PREPOSITIONS, ADVERBS, &c.

Conjunctions.

912. **च** ‘and’ (727) is always placed after the word which it connects with another, like *que* in Latin, and can never stand first in a sentence, or in the same

place as 'and' in English; thus, **परिक्रम्य अवलोक्य च** 'walking round and looking.' Unlike *que*, however, which must always follow the word of which it is the copulative, it may be admitted to any other part of the sentence, being only excluded from the first place; thus, **तनयम् अचिरात् प्राची इव अर्के प्रसूय च पावनं** 'and having after a short time given birth to a pure son, as the eastern quarter (gives birth to) the sun.'

a. Sometimes two *cha*'s are used, when one may be redundant or equivalent to the English 'both;' or the two *cha*'s may be employed antithetically or disjunctively, or to express the contemporaneousness of two events; thus, **अहश्च रात्रिश्च** 'Both day and night;' **कुरु हरिकानां जीवितं च अतिलोलं कुरु च शराम् ते** 'Where on the one hand is the frail existence of fawns? Where on the other are thy arrows?' **क्रन्दितुं च प्रवृत्ता स्त्री संस्थानं च ज्योतिर् उद्विष्य एनां जगाम** 'no sooner had she begun to weep, than a shining apparition in female shape, having snatched her up, departed' (Śak. Act V). Observe—When **कुरु**, 'where?' is used as in the above example, it implies 'excessive incompatibility.'

b. Sometimes **च** is used as an emphatic particle, and not as a copulative; thus, **किं च मया परिणीतः पूर्वा** 'Was she indeed married by me formerly?'

913. **तथा** 'so,' 'likewise' (727. *a*), frequently supplies the place of **च**; thus, **अनागतविधाता च प्रत्युत्पन्नमतिस् तथा** 'both Anāgata-vidhātā and Pratyutpannamatis' (names of the two fish in Hitop. book IV).

914. **हि** 'for,' **तु** 'but,' **वा** 'or' (727. *a*, 728. *a. b*), like **च**, are excluded from the first place in a sentence; thus, **पूर्वावधीरितं श्रेयो दुःखं हि परिवर्त्तते** 'for happiness formerly scorned turns to misery;' **विपर्यये तु** 'but on the contrary;' **एनां त्यज वा गृहाण वा** 'either abandon her or take her.'

915. **यदि** 'if' and **चेत्** 'if' (727. *b*) may govern the potential or conditional (see 891), but are also used with the indicative; thus, **यदि जीवति भद्राणि पश्यति** 'if he live, he will behold prosperity;' **यदि मया प्रयोजनम् अस्ति** 'if there is need of me;' **तृष्णा चेत् परित्यक्ता को दरिद्रः** 'If avarice were abandoned, who would be poor?'

Prepositions and Adverbs.

916. Of all the internal evidences of the antiquity of Sanskrit, there is none more decisive than the sparing use which this language makes of prepositions, in expressing the dependence of one word upon another. Indeed, the employment of these aids to syntactical combination may be regarded as a result of modern refinement, incompatible with the simplicity of the most ancient languages. Thus, even the Greek, which is copiously provided with prepositions, made comparatively little use of them in the days of Homer, and was satisfied to express most of the relations of the words in a sentence by the cases of its nouns. But let it not be imagined that few prepositions exist in Sanskrit. On the contrary, they exist in great abundance, as we have shown at 729. Of these, however, only three are generally used in government with nouns, viz. **आ**, **प्रति**, and **अनु**; the latter two being usually placed *after* the word which they govern. Examples will be found at 730.

a. Other examples of आ are, आमणिवन्धनात् 'as far as the wrist;' आमृत्योस् 'till death;' आसमाप्तेस् 'to the completion;' आ व्रतस्य समापनात् 'till the completion of his vow;' आशरीरविमोक्षणात् 'till his release from the body;' आजन्मनस् 'from birth.'

917. Adverbs are often used as prepositions, or rather *postpositions*, in government with nouns. The following examples illustrate their construction as described at 731.

a. न दण्डाद् ऋते शक्यः कर्तुं पापविनिग्रहः 'the restraint of crime cannot be made without punishment;' शतं जन्मानि यावत् 'for a hundred births;' सर्पविवरं यावत् 'up to the serpent's hole;' पुत्रेण सह 'along with his son;' हेतुं विना 'without cause;' अपराधेन विना 'without fault;' विवराद् वहिर् निःसृत्य 'creeping out of the hole;' अवलोकनक्षणात् प्रभृति 'from the moment of seeing (him);' जन्मप्रभृति 'from birth;' ततः प्रभृति 'from that time forward;' उपनयनात् प्रभृति 'from the time of investiture;' धनस्य अर्थं, or more usually धनार्थं, 'for the sake of wealth;' तस्याः कृते or तत्कृते 'for her sake;' पुत्रहेतोस् 'for the sake of a son;' तन्निमित्ते 'on that account.' उपरि, with the genitive, occurs rather frequently, and with some latitude of meaning; thus, नाभेर् उपरि 'above the navel;' सिंहस् तस्य उपरि पपात् 'the lion fell upon him;' मम उपरि विकारितः 'changed in his feelings towards me;' तव उपरि असदृशव्यवहारी 'not behaving properly towards thee;' पुत्रस्य उपरि क्रुद्धः 'angry with his son;' नाभेर् ऊर्ध्वं 'above the navel;' नाभेर् अधस्तात् 'below the navel;' वृक्षस्य अधस्तात् 'beneath the tree;' भोजनानन्तरं 'after eating;' राज्ञः समीपं 'near the king;' पितुः सकाशाद् धनम् आददाति 'he receives money from his father;' मांसं शुनोऽग्रे निक्षिप्तं 'flesh thrown before the dog;' मम समक्षं 'in my presence.' साक्षात् may take an instrumental; as, अन्यैः साक्षात् 'before others;' अस्माकं पश्चात् 'after us;' प्राङ् निवेदनात् 'before telling;' प्राग् उपनयनाद् 'before investiture;' भोजनात् प्राक् 'before eating;' स्नानात् पूर्वं 'before bathing;' विवाहात् पूर्वं 'before marriage.' प्राक् may take an accusative; as, प्राग् द्वादशसमाः 'before twelve years are over;' अभिवादानात् परं 'after saluting;' तदवधेर् ऊर्ध्वं 'after that period;' संवत्सराद् ऊर्ध्वं 'after a year,' i. e. 'above a year having expired;' विवाहाद् अर्वाक् 'after marriage;' अर्वाक् सञ्चयनाद् अस्थ्यां 'after collecting the bones;' फलम् अनन्तरेण 'without fruit;' भर्तुर् अनुमतिम् अनन्तरेण 'without the consent of her husband;' वाटिकाया दक्षिणेन 'to the right of the garden;' प्राणिर्हिंसाव्यतिरेकेण 'without injury to living beings.'

918. अलं, 'enough,' is used with the instrumental, with the force of a prohibitive particle; as, अलं शङ्कया 'away with fear,' 'do not fear.'

a. It is also used with the indeclinable participle; as, अलं विचार्य 'enough of consideration;' see also 901. a.

b. It is sometimes followed by an infinitive; as, न अलम् अस्मि हृदयं निवर्तयितुं 'I am not able to turn back my heart.'

919. मातृ 'even,' 'merely,' when compounded with another word is declinable;

as, उत्तरमात्रं न ददाति 'he does not even give an answer;' न शब्दमात्राद् भेतव्यं 'one ought not to be afraid of mere noise;' शब्दमात्रेण 'by mere sound;' वचनमात्रेण 'by mere words.'

920. तथा and यथा, when used as correlatives, are equivalent to the English 'so that,' and the Latin *ita ut*; thus, यथा स्वामी जागर्त्ति तथा मया कर्त्तव्यं 'I must so act that my master awake,' i. e. 'I must do something to make my master awake.' So also, त्वं न जानासि यथा गृहरक्षां करोमि 'Do not you know that I keep watch in the house?'

a. ईदृशं, तादृशं, and यादृशं, may be used in the same way; thus, तादृशम् अनायुष्यं न किञ्चिद् विद्यते यादृशं परदारगमनं 'nothing is so opposed to length of life as attention to the wife of another.'

b. यत्, as well as यथा, is used for 'that;' thus, अयं नूतनो व्यायो यद् अरातिं हत्वा सन्नापः क्रियते 'this is a new doctrine, that having killed an enemy remorse should be felt.'

921. किं, 'why?' may often be regarded as a mark of interrogation which is not to be translated, but affects only the tone of voice in which a sentence is uttered; as, जातिमात्रेण किं कश्चित् पूज्यते 'Is any one honoured for mere birth?'

a. It sometimes has the force of 'whether;' as, ज्ञायतां किम् उपयुक्त एतावद् वर्त्तनं गृह्णाति अनुपयुक्तो वा 'let it be ascertained whether he is worthy to receive so large a salary, or whether he is unworthy;' मन्त्री वेत्ति किं गुणयुक्तो राजा न वा 'the minister knows whether the king is meritorious or not.'

922. वत् as an affix of comparison or similitude (724) may be compounded with a word in the crude base, which if uncompounded would be in the accusative case; thus, आत्मानं मृतवत् सन्दर्श्ये 'showing himself as if dead;' आश्चर्यवद् इदं पश्यति 'he regards it as a wonder.'

923. The negative न is sometimes repeated to give intensity to an affirmation; thus, न न वक्ष्यति 'he will not not say' = वक्ष्यति एव 'he will certainly say.'

924. The indeclinable participle of *dis* with *ut* is sometimes used adverbially to express 'on account of,' 'with reference to,' 'towards,' and governs an accusative; thus, किम् उद्दिश्य 'On account of what?' तम् उद्दिश्य 'with reference to him.'

925. The indeclinable participle of रभ् with आ ('to begin') is used adverbially to express 'from,' 'beginning with,' and may either govern an ablative or be placed after the crude base; thus, निमन्त्रणाद् आरभ्य आद्यं यावत् 'from the time of invitation to the time of the Śrāddha.' निमन्त्रणारभ्य would be equally correct.

926. The interjections धिक् and हा require the accusative; as, धिक् पापिष्ठं 'Woe to the wretch!' and the vocative interjections the vocative case; as, भोः पान्य 'O traveller!'

ON THE USE OF THE PARTICLE इति.

927. All the languages of the East are averse to the use of the *obliqua oratio*. In Sanskrit it is rarely admitted; and when any one relates the words or describes the sentiments or thoughts of

another, the relator generally represents him as speaking the actual words in his own person.

a. In such cases the particle इति (properly meaning 'so,' 'thus') is often placed after the words quoted, and may be regarded as serving the purpose of inverted commas; thus, शिष्या ऊचुः कृतकृत्या वयम् इति 'the pupils said, "We have accomplished our object;"' not, according to the English or Latin idiom, 'the pupils said *that they had* accomplished their object.' So also, कलहकारी इति ब्रूते भर्त्रा 'your husband calls you "quarrelsome,"' where कलहकारी is in the nominative case, as being the actual word supposed to be spoken by the husband himself in his own person. So again, युष्मान् विश्वासभूमय इति सर्वे पक्षिणो मम अग्रे प्रस्तुवन्ति 'all the birds praise you in my presence, saying, "He is an object of confidence,"' where the particle इति is equivalent to 'saying,' and the word विश्वासभूमयः is not in the accusative, to agree with युष्मान्, as might be expected, but in the nominative, as being the actual word supposed to be uttered by the birds in their own persons. In some cases, however, the accusative is retained before इति, as in the following example from Manu: अन्नं बालम् इत् आहुः 'they call an ignorant man "child."' But in the latter part of the same line it passes into a nominative; as, पित्रेत् एव तु मन्त्रदं 'but (they call) a teacher of scripture "father."' II. 153.

928. In narratives and dialogues इति is often placed redundantly at the end of a speech. Again, it may have reference merely to what is passing in the mind either of another person or of one's self. When so employed, it is usually joined with the indeclinable participle, or of some other part of a verb signifying 'to think,' 'to suppose,' &c., and may be translated by the English conjunction 'that,' to which, in fact, it may be regarded as equivalent; thus, मर्कटो घटां वादयति इति परित्नाय 'having ascertained *that* it is a monkey who rings the bell;' पुनर् अर्थवृद्धिः करणीया इति मतिर् बभूव 'his idea was *that* an increase of wealth ought again to be made;' धन्योऽहं यस्य एतादृशी भार्या इति मनसि निधाय 'reflecting in his mind *that* I am happy in possessing such a wife.' The accusative is also retained before इति in this sense; as, मृतम् इति मत्वा 'thinking *that* he was dead.' In all these examples the use of इति indicates that a quotation is made of the thoughts of the person at the time when the event took place.

929. Not unfrequently the participle 'saying,' 'thinking,' 'supposing,' &c., is omitted altogether, and इति itself involves the sense of such a participle; as, बालोऽपि न अवमन्तव्यो मनुष्य इति भूमिपः 'a king, even though a child, is not to be despised, *saying to one's self*, "He is a mortal;"' सौहार्दाद् वा विधुर इति वा मय्य् अनुक्रोशात् 'either through affection or through compassion towards me, *saying to yourself*, "What a wretched man he is;"' अयं चराहः । अयं शार्दूल इति वनराजिषु आहिगड्यते 'There's a boar! Yonder's a tiger! *so crying out*, it is wandered about (by us) in the paths of the woods.'

CHAPTER X.

EXERCISES IN TRANSLATION AND PARSING.

STORIES FROM THE HITOPADEŚĀ TRANSLATED AND PARSED.

930. THE following two stories are taken from the 4th book of the Hitopadeśā. A literal translation and grammatical analysis are given to both stories. All the rules of combination are observed, but the words are separated from each other in accordance with 26. In the two cases where such separation is impossible, viz. where a final and initial vowel blend together into one sound, and where crude words are joined with others to form compounds, a dot placed underneath marks the division.

STORY OF THE SAGE AND THE MOUSE.

1st sentence. अस्ति गौतमस्य मुनेस् तपोवने महातपा नाम मुनिः। 'There is in the sacred grove of the sage Gautama a sage named Mahátapás (Great-devotion).'

2d. तेनाश्रमसन्निधाने मूषिकशवकः काकमुखाद् भ्रष्टो दृष्टः। 'By him, in the neighbourhood of his hermitage, a young mouse, fallen from the beak of a crow, was seen.'

3d. ततो दयायुक्तेन तेन मुनिना नीवारकणैः संवर्द्धितः। 'Then by that sage, touched with compassion, with grains of wild rice it was reared.'

4th. तदनन्तरं मूषिकं खादितुम् अनुधावन् विडालो मुनिना दृष्टः। 'Soon after this, a cat was observed by the sage running after the mouse to devour it.'

5th. तं मूषिकं भीतम् आलोक्य तपःप्रभावात् तेन मुनिना मूषिको बलिष्ठो विडालः कृतः। 'Perceiving the mouse terrified, by that sage, through the efficacy of his devotion, the mouse was changed into a very strong cat.'

6th. स विडालः कुक्कुराद् विभेति। ततः कुक्कुरः कृतः। कुक्कुरस्य व्याघ्रान् महद् भयं। तदनन्तरं स व्याघ्रः कृतः। 'The cat fears the dog: upon that it was changed into a dog. Great

is the dread of the dog for a tiger: then it was transformed into a tiger.'

7th. अथ व्याघ्रम् अपि मूषिकनिर्विशेषं पश्यति मुनिः ।
'Now the sage regards even the tiger as not differing at all from the mouse.'

8th. अतः सर्वे तत्रस्थ्या जनास् तं व्याघ्रं दृष्ट्वा वदन्ति ।
'Then all the persons residing in the neighbourhood, seeing the tiger, say.'

9th. अनेन मुनिना मूषिकोऽयं व्याघ्रतां नीतः । 'By this sage this mouse has been brought to the condition of a tiger.'

10th. एतच् छुत्वा स व्याघ्रः सव्यथोऽचिन्तयत् । 'The tiger overhearing this, being uneasy, reflected.'

11th. यावद् अनेन मुनिना जीवितथं तावद् इदं मम स्वरूपाख्यानम् अकीर्त्तिकं न पलायिष्यते । 'As long as it shall be lived by this sage, so long this disgraceful story of my original condition will not die away.'

12th. इति समालोच्य मुनिं हन्तुं समुद्यतः । 'Thus reflecting, he prepared (was about) to kill the sage.'

13th. मुनिस् तस्य चिकीर्षितं ज्ञात्वा पुनर् मूषिको भव इत्य् उक्त्वा मूषिक एव कृतः । 'The sage discovering his intention, saying, "Again become a mouse," he was reduced to (his former state of) a mouse.'

Observe in this story four peculiarities: 1st, the simplicity of the style; 2dly, the prevalence of compound words; 3dly, the scarcity of verbs; 4thly, the prevalence of the past passive participle with the agent in the instrumental case for expressing indefinite past time, in lieu of the past tense active with the nominative: see 895, with note.

First sentence.—*Asti*, 'there is,' 3d sing. pres. of the root *as*, 2d conj. (see 584). *Gautamasya*, 'of Gautama,' noun of the first class, masc. gen., gen. case (103). *Munes*, 'of the sage,' noun of the second class, masc. gen., gen. case (110): final *s* remains by 62. *Tapovane*, 'in the sacred grove,' or 'grove of penance,' genitively dependent compound (743); the first member of the compound formed by the crude noun *tapas*, 'penance,' *as* being changed to *o* by 64; the last member,

by the loc. case of *vana*, 'grove,' noun of the first class, neut. (104). *Mahátapá*, 'great devotion,' relative form of descriptive compound (766); the first member formed by the crude adjective *mahá* (substituted for *mahat*, see 778), 'great;' the last member, by the nom. case of *tapas*, 'devotion,' noun of the seventh class, neut. (164): final *s* dropped by 66. *a*. *Náma*, 'by name,' an adverb (713). *Munih*, 'a sage,' noun of the second class, masc., nom. case (110): final *s* passes into Visarga by 63. *a*.

Second sentence.—*Tena*, 'by him,' instr. case of the pronoun *tat* at 220. *Ásrama-sannidháne*, 'in the neighbourhood of his hermitage,' genitively dependent compound (743); the first member formed by the crude noun *ásrama*, 'hermitage;' the last member, by the loc. case of *sannidhána*, 'neighbourhood,' noun of the first class, neut. (104). The final *a* of *tena* blends with the initial *á* of *ásrama* by 31. *Múshika-súvakah*, 'a young mouse,' or 'the young of a mouse,' genitively dependent compound (743); the first member formed by the crude noun *múshika*, 'a mouse;' the last, by the nom. case of *súvaka*, 'the young of any animal,' noun of the first class (103): final *s* becomes Visarga by 63. *Káka-mukhád*, 'from the beak (or mouth) of a crow,' genitively dependent compound (743); the first member formed by the crude noun *káka*, 'a crow;' the last, by the abl. case of *mukha*, 'mouth,' noun of the first class, neut. (104); *t* being changed to *d* by 45. *Bhrashto*, 'fallen,' nom. case, sing. masc. of the past pass. part. of the root *bhrás* (544): *as* changed to *o* by 64. *Drishṭah*, 'seen,' nom. case, sing. masc. of the past pass. part. of the root *dris*: final *s* becomes Visarga by 63. *a*.

Third sentence.—*Tato*, 'then,' adv. (719): *as* changed to *o* by 64. *Dayá-yuktena*, 'touched with compassion,' instrumentally dependent compound (740); the first member formed by the crude noun *dayá*, 'compassion;' the last, by the instr. case of *yukta*, 'endowed with,' past pass. part. of the root *yuj* (670). *Tena*, see second sentence. *Muniná*, 'by the sage,' noun of the second class, masc. gend., instr. case (110). *Nívára-kaṇaih*, 'with grains of wild rice,' genitively dependent compound (743); the first member formed by the crude noun *nívára*, 'wild rice;' the second, by the instr. plur. of *kaṇa*, noun of the first class, masc.: final *s* becomes Visarga by 63. *Sanvarddhitah*, 'reared,' nom. case, sing. of the past pass. part. of the causal form of the root *vṛidh* (549): final *s* becomes Visarga by 63. *a*.

Fourth sentence.—*Tadanantaram*, 'soon after this,' compound adverb; the first member formed with the pronoun *tat*, 'this,' at 220; the second, by the adverb *anantaram*, 'after,' at 731 and 917. *Múshikam*, noun of the first class, masc. gend., acc. case (103). *Khádítum*, 'to eat,' infinitive mood of the root *khád* (458, 868). *Anudhāvan*, 'pursuing after,' 'running after,' nom. case, sing. masc. of the pres. part. Paras. of the root *dhāv*, 'to run,' with the preposition *anu*, 'after' (524). *Vidálo*, 'a cat,' noun of the first class, masc. (103), nom. case: *as* changed to *o* by 64. *Muniná*, see third sentence. *Drishṭah*, see second sentence.

Fifth sentence.—*Tam*, acc. case of the pronoun *tat* at 220, used as a definite article, see 795. *Múshikam*, see fourth sentence. *Bhítam*, 'terrified,' acc. case, sing. masc. of the past pass. part. of the root *bhí* (532). *Álokya*, 'perceiving,' indeclinable part. of the root *lok*, with the prep. *á* (559). *Tapah-prabhávát*,

'through the efficacy of his devotion' (814), genitively dependent compound (743); the first member formed by the crude noun *tapas*, 'devotion,' *s* being changed to Visarga by 63; the second, by the abl. case of *prabháva*, noun of the first class, masc. (103). *Tena*, see second sentence. *Muniná*, see third sentence. *Múshiko*, nom. case: *as* changed to *o* by 64. *Balishtho*, 'very strong,' nom. case, masc. of the superlative form of the adj. *balin*, 'strong' (see 193): *as* changed to *o* by 64. *Vídálah*, see fourth sentence: final *s* becomes Visarga by 63. *Kṛitah*, 'changed,' 'made,' nom. case, sing. of the past pass. part. of the root *kṛi* at 682: final *s* becomes Visarga by 63. *a*.

Sixth sentence.—*Sa*, nom. case of the pronoun *tat* at 220, used as a definite article (795): final *s* dropped by 67. *Vídálah*, see fourth sentence. *Kukkurád*, 'the dog,' noun of the first class, masc. (103), abl. case after a verb of 'fearing' (855): *t* changed to *d* by 45. *Bibheti*, 'fears,' 3d sing. pres. tense of the root *bhí*, 3d conj. (666). *Tatah*, 'upon that,' adv. (719): *as* changed to *ah* by 63. *Kukkurah*, 'the dog,' nom. case (103): final *s* becomes Visarga by 63. *Kṛitah*, see fifth sentence. *Kukkurasya*, 'of the dog,' gen. case (103). *Vyághrán*, 'for the tiger,' noun of the first class, masc. (103), abl. case after a noun of 'fear' (814. *d*): *t* changed to *n* by 47. *Mahad*, 'great,' noun adj. of the fifth class (142), nom. case, sing. neut.: *t* changed to *d* by 45. *Bhayam*, 'fear,' noun of the first class, neut. (104), nom. case. *Tadanantaram*, see fourth sentence. *Vyághrah*, nom. case: final *s* becomes Visarga by 63. *Kṛitah*, see fifth sentence.

Seventh sentence.—*Atha*, 'now,' inceptive particle (727. *c*). *Vyághram*, acc. case. *Api*, 'even,' adv. *Múshika-nirviśesham*, 'as not differing at all from the mouse,' relative form of dependent compound (762); the first member formed by the crude noun *múshika*; the second, by the acc. case of the substantive *viśesha*, 'difference,' with *nir* prefixed: or it may be here taken adverbially, see 776. *Paśyati*, 3d sing. pres. tense of the root *dṛiś*, 1st conj. (604). *Munih*, see first sentence.

Eighth sentence.—*Atah*, 'then,' adv. (719). *Sarve*, 'all,' pronominal adj., nom. case, plur. masc. (237). *Tatra-sthá*, 'residing in the neighbourhood,' anomalous compound, in its character resembling a locatively dependent; the first member being formed by the adverb *tatra* (720), 'there,' or 'in that place;' the second, by the nom. plur. masc. of the participial noun of agency of the root *sthá*, 'to remain' (587): final *s* dropped by 66. *a*. *Janás*, 'persons,' noun of the first class, masc. gen. (103), nom. case, plur.: final *s* remains by 62. *Tam*, acc. case of the pronoun *tat* (220), used as a definite article (795). *Vyághram*, 'tiger,' noun of the first class, masc. gen. (103), acc. case. *Dṛishṭwá*, 'having seen,' indeclinable past participle of the root *dṛiś* (556). *Vadanti*, 'they say,' 3d plur. pres. of the root *vad*, 1st conj. (599).

Ninth sentence.—*Anena*, 'by this,' instr. case of the demonstrative pronoun *idam* at 224. *Muniná*, see third sentence. *Múshiko*, nom. case: *as* changed to *o* by 64. *a*. *Ayam*, 'this,' nom. case of the demonstrative pronoun at 224: the initial *a* cut off by 64. *a*. *Vyághratám*, 'the condition of a tiger,' fem. abstract noun of the first class (105), acc. case, formed from the substantive *vyághra*, 'a tiger,' by

the affix *tá* (80. XXIII). *Nítah*, 'brought,' nom. case, sing. masc. of the past pass. part. of the root *ní* at 532.

Tenth sentence.—*Étach*, 'this,' acc. case, neut. of the demonstrative pronoun *etat* at 223: *t* being changed to *ch* by 49. *Chhrutwá*, 'overhearing,' indeclinable participle of the root *śru* (676 and 556). *श्रुत्वा* becomes *श्रुत्वा* by 49. *Vyághrah*, nom. case: final *s* becomes Visarga by 63. *Sa-ryatho*, 'uneasy,' relative form of indeclinable compound, formed by prefixing the preposition *saha* to the fem. substantive *ryathá* (769): *as* changed to *o* by 64. *a*. *Achintayat*, 'reflected,' 3d sing. 1st pret. of the root *chint*, 10th conj. (641): the initial *a* cut off by 64. *a*.

Eleventh sentence.—*Yárad*, 'as long as,' adv. (713): *t* changed to *d* by 45. *Anena*, see ninth sentence. *Jívityam*, 'to be lived,' nom. case, neut. of the fut. pass. part. of the root *jív* (569, 905. *a*, 907). *Tácat*, 'so long,' adv. correlative to *yávat* (713). *Idam*, 'this,' nom. case, neut. of the demonstrative pronoun at 224. *Mama*, 'of me,' gen. case of the pronoun *aham*, 'I,' at 218. *Swarúpákhyaanam*, 'story of my original condition,' genitively dependent compound (743); the first member formed by the crude noun *swarúpa*, 'natural form' (see 232); the second, by the nom. case of *ákhyaána*, noun of the first class, neuter (104): *m* retained by 60. *Akírti-karam*, 'disgraceful,' accusatively dependent compound (739); the first member formed by the crude noun *akírti*, 'disgrace'; the second, by the nom. case, neut. of the participial noun of agency *kara*, 'causing,' from *kri*, 'to do' (580). *Na*, 'not,' adv. (717. *a*). *Paláyishyate*, 'will die away,' 3d sing. 2d fut. Átm. of the compound verb *paláy*, formed by combining the root *i* with the prep. *pará* (783).

Twelfth sentence.—*Iti*, 'thus,' adv. (717. *e*; see also 928). *Samálochya*, 'reflecting,' indeclinable part. of the compound verb *samáloch* (559), formed by combining the root *loch* with the prepositions *sam* and *á* (784). *Munim*, acc. case. *Hantum*, 'to kill,' infinitive mood of the root *han* (458, 868, and 654). *Samudyatah*, 'prepared,' nom. case, sing. masc. of the past pass. part. of the compound verb *sam-ud-yam*, formed by combining the root *yam* with the prepositions *sam* and *ut* (545).

Thirteenth sentence.—*Munis*, nom. case: final *s* remains by 62. *Tasya*, 'of him,' gen. case of the pronoun *tat* (220). *Chikírshitam*, 'intention,' acc. case, neut. of the past pass. part. of the desiderative base of the root *kri*, 'to do' (550 and 502), used as a substantive (896. *b*). *Jñátwá*, 'discovering,' indeclinable part. of the root *jñá* (556 and 688). *Punar*, 'again,' adv. (717. *e*): *r* remains by 71. *e*. *Múshiko*, nom. case: *as* changed to *o* by 64. *Bhava*, 'become,' 2d sing. imperat. of the root *bhú* (585). *Ity* answers to inverted commas, see 927. *a*: the final *i* changed to *y* by 34. *Uktwá*, 'saying,' indeclinable part. of the root *vach* (556 and 650). *Múshika*, nom. case: final *s* dropped by 66. *Eva*, 'indeed,' adv. (717).

931.

STORY OF THE BRÁHMAN AND HIS WEASEL.

अस्य उज्जयिन्यां माधवो नाम ब्राह्मणः । तस्य ब्राह्मणी
 प्रसूता । सा बालापत्यस्य रक्षार्थं ब्राह्मणम् अवस्थाप्य स्नातुं
 गता । अथ ब्राह्मणस्य कृते राज्ञः पार्वणश्राद्धं दातुम्
 आह्वानम् आगतं । तच् छुत्वा ब्राह्मणः सहजदारिद्राद्
 अचिन्तयत् । यदि सत्वरं न गच्छामि तदान्यः कश्चिच्छ्राद्धं
 ग्रहीष्यति । किन्तु शिशोर् अत्र रक्षकः कोऽपि नास्ति तत्
 किं करोमि । यातु । चिरकालं पालितम् इमं पुत्रं निर्विशेषं

- ¹ See 584; the final *i* becomes *y* by 34. ² Loc. case of *Ujjayinī*; see 106.
³ Proper name, noun of 1st class at 103; *as* becomes *o* by 64. ⁴ 713. ⁵ Nom. case of *Bráhmaṇa*, noun of 1st class at 103; final *s* becomes Visarga by 63. *a*.
⁶ 220. ⁷ 80. XXV. ⁸ Past pass. part. of the root *sú*, 'to bring forth,' with the preposition *pra*, 532 and 647. ⁹ 220. ¹⁰ *Bála*, 'young,' crude base; *apatyasya*, gen. case of *apatya*, noun of 1st class, neuter, at 104; see 755.
¹¹ *Rakshá*, f. 'protection,' crude base; *artham*, 'for the sake of,' adv.; see 731, with note, and 917. ¹² Accus. case of *Bráhmaṇa*. ¹³ Indec. part. of the causal of the root *sthá*, 'to stand,' with preposition *ava*; see 566 and 587. ¹⁴ Infinitive of the root *sná*, 'to bathe,' 2d conj.; see 458, 868, and 200. ¹⁵ 545, 896, and 200. ¹⁶ 727. *c*. ¹⁷ Gen. case; see 103. ¹⁸ 731 and 913. ¹⁹ 149. ²⁰ *Párvaṇa*, crude base; *śráddha*, noun of 1st class, neut., at 104; see 743; 'a funeral ceremony in behalf of three ancestors.' ²¹ Infinitive of the root *dá*, 'to give,' 3d conj.; see 458, 868, and 663. ²² Nom. case, sing. of *áhwána*, 'invitation,' noun of 1st class, neut., at 104. ²³ Past pass. part. of the root *gam*, 'to go,' with preposition *a*; see 783, 545, and 896. ²⁴ 220, 49. ²⁵ 49, 556, and 676. ²⁶ *Sahaja*, 'natural,' 'inborn,' crude base; *dáridrád*, abl. case of *dáridra*, 'poverty,' abstract noun of 1st class, neut., formed according to 80. XII, see 755: final *t* changed to *d* by 45. ²⁷ 3d sing. 1st pret. of the root *chint*, 'to think,' 10th conj.; see 641. ²⁸ 790. *a*, 760. ²⁹ 717. *a*. ³⁰ See 602. ³¹ For *tadá anyah* by 31. ³² 228, 49. ³³ 49. ³⁴ See 699, 414. *a*. ³⁵ 728. *b*. ³⁶ Gen. case of *śísu*, m. 'a child;' see III. ³⁷ 720. ³⁸ Nom. case of *rakshaka*, 'a protector,' noun of 1st class, masc., at 103. ³⁹ 229. ⁴⁰ 31, 584. ⁴¹ 220. ⁴² 227. ⁴³ See 682 and 873. ⁴⁴ See 644 and 882. *a*. ⁴⁵ *Chira*, 'long,' crude base; *kála*, 'time,' crude base; *pálitam*, 'cherished,' accus. case of *párita*, past pass. part. of the root *pál*, 'to cherish,' 10th conj.; see 538. This is a complex compound, the whole being an accusatively dependent (see 739, 821), involving a descriptive, 755-
⁴⁶ 224. ⁴⁷ See seventh sentence of the last story, p. 331.

नकुलं⁴⁸ बालकरक्षार्थं⁴⁹ व्यवस्थाय⁵⁰ गच्छामि । तथा कृत्वा⁵¹
 गतः । ततस्⁵² तत्र⁵³ नकुलेन⁵⁴ बालकसमीपं⁵⁵ तूष्णीम्⁵⁶ आगच्छन्⁵⁷
 कृष्णसर्पो⁵⁸ व्यापादितः⁵⁹ खण्डितश्⁶⁰ च । ततोऽसौ⁶¹ नकुलो
 ब्राह्मणम्⁶² आयान्तम्⁶³ अवलोक्य⁶⁴ रक्तविलिप्तमुखपादः⁶⁵
 सत्वरम्⁶⁶ उपागम्य⁶⁷ ब्राह्मणस्य⁶⁸ चरणयोर्⁶⁹ लुलीठ । ततोऽसौ
 ब्राह्मणस्⁷⁰ तं तथाविधं⁷¹ दृष्ट्वा⁷² मम⁷³ पुत्रोऽनेन⁷⁴ भक्षित इत्य⁷⁵
 अविचार्य⁷⁶ व्यापादितवान्⁷⁷ । अनन्तरं⁷⁸ यावद्⁷⁹ असाव्⁸⁰ उपसृत्य⁸¹

⁴⁸ Accus. case of *nakula*, 'a weasel,' 'ichneumon,' or 'mongoose,' noun of 1st class, masc., at 103. ⁴⁹ *Bálaka*, m. 'a child,' crude base; *rakshá*, f. 'protection,' crude base; *artham*, 'for the sake of,' adv.; 731, with note. ⁵⁰ Indekl. part. of the causal of *sthá*, 'to stand,' with prepositions *vi* and *ava*, 566. ⁵¹ See 602. ⁵² 721. ⁵³ 556. ⁵⁴ 719; final *s* remains by 62. ⁵⁵ 720. ⁵⁶ Instrum. case, 103. ⁵⁷ See above. ⁵⁸ 731. ⁵⁹ 717. *e*. ⁶⁰ Pres. part. of the root *gam*, 'to go,' 524, with preposition *á*, 'to come,' 783. ⁶¹ *Kṛishṇa*, 'black,' crude base; *sarpo*, 'a snake,' nom. case of *sarpa*, noun of 1st class, masc., at 103; *as* becomes *o* by 64: see 755. ⁶² Past pass. part. of the causal of the root *pad*, with *vi* and *á*, 'to kill,' 549. ⁶³ Past pass. part. of *khañd*, 'to tear in pieces,' 538; final *s* becomes *ś* by 62. ⁶⁴ 727, 912. ⁶⁵ 225; initial *a* cut off by 64. *a*. ⁶⁶ Nom. case; *as* becomes *o* by 64. ⁶⁷ Accus. case, 103. ⁶⁸ Pres. part. of *yá*, 'to go,' 524, with preposition *á*, 'to come,' 783. ⁶⁹ Indekl. part. of the root *lok*, with preposition *ava*, 'to see,' 'to observe,' 559. ⁷⁰ *Rakta*, 'blood,' crude base; *rilipta*, 'smeared,' crude base of past pass. part. of the root *lip*, 'to smear,' with preposition *vi*; *mukha*, 'mouth,' crude base; *pádah*, nom. case of *páda*, 'foot,' noun of 1st class at 103. Complex relative compound, the whole being the relative form of descriptive, involving a dependent and an aggregative, 771. ⁷¹ Indekl. part. of the root *gam*, 'to go,' with prepositions *upa* and *á*, 'to approach,' 564. *a*. ⁷² Loc. case, dual, of *charaṇa*, 'a foot,' noun of 1st class, masc. or neut., at 103, 104; see 862. *b*. ⁷³ 3d sing. 2d pret. Parasmai of the root *luṭh*, 'to roll,' 364. ⁷⁴ Final *s* remains by 62. ⁷⁵ *Tathá*, 'so,' adv., 721; *vidha*, 'kind,' 'manner,' relative form of adverbial compound, 796. *b*. ⁷⁶ Indekl. part. of *dṛis*, 'to see,' 556. ⁷⁷ 218. ⁷⁸ Nom. case of *putra*, 'a son,' noun of 1st class at 103; *as* becomes *o* by 64. *a*. ⁷⁹ 224 and 64. *a*. ⁸⁰ Past pass. part. of the root *bhakhsh*, 'to eat,' 538. ⁸¹ 719. *e*, 928, and 929; final *i* becomes *y* by 34. ⁸² Indekl. part. of the causal of the root *char*, with preposition *vi* and negative prefix *a* (726), 'without deliberating,' 566. ⁸³ Past active part., formed from the past pass. part. *vyápadita*, 'killed,' 553. ⁸⁴ 731. ⁸⁵ 713. ⁸⁶ 225 and 37. ⁸⁷ Indekl. part. of the root *sri*, 'to go,' with preposition *upa*, 'to approach,' 560.

पश्यति तावद् बालकः सुस्थः स्वपिति सर्पस् तु व्यापादितस्
तिष्ठति । तत उपकारकरं नकुलं निरूप्य सन्तप्रचेताः स
परं विषादम् उपगतः ॥

⁸⁸ See 604. ⁸⁹ 713. ⁹⁰ Nom. case of *su-stha*, 'in a good state,' 'safe,' from *su*, 'well,' 726. *f*, and *stha*, participial noun from *sthá*, 'to stand,' 580. ⁹¹ See 655. ⁹² 728. *a*, 914. ⁹³ 784. ⁹⁴ See 587. ⁹⁵ *Upakára*, 'benefit,' crude base; *karam*, 'causing,' accus. case of *kara*, participial noun from *kri*, 'to make,' 580; see 739. *b*. ⁹⁶ Indecl. part. of the root *rúp*, with preposition *ni*, 'to look at,' 564. ⁹⁷ *Santapta*, 'scorched,' 'tormented,' 'distressed,' crude base; *chetáh*, 'mind,' nom. case, masc. of *chetas*, noun of the 7th class, neut., at 164. *a*; see 767. ⁹⁸ 67. ⁹⁹ Accus. case of *para*, adj. m. f. n. 'excessive,' 187. ¹⁰⁰ Accus. case of *visháda*, 'grief,' 'despondency,' noun of 1st class, masc., at 103. ¹⁰¹ Past pass. part. of *gam*, 'to go,' with preposition *upa*, 545, 896, and see 844.

932.

Translation.

'There lives in Ujjayiní a Bráhmaṇ named Mádhava. His wife bore him (a son). She, having stationed the Bráhmaṇ (her husband) to take charge of the young child, went to perform ablution. Meanwhile a message came from the king for the Bráhmaṇ to perform the Párvaṇa Śráddha. On hearing which, the Bráhmaṇ, from his natural neediness, thought to himself, "If I do not go quickly, some other Bráhmaṇ will take the Śráddha. But there is none here (that I may leave) as a guardian to the child. What then can I do? Come, having stationed this long-cherished weasel, dear to me as a son, in charge of the infant, I will go." Having so done, he went. Presently a black serpent, silently approaching the child, was killed by the weasel and torn in pieces. By and by the weasel, seeing the Bráhmaṇ returning, quickly running to meet him, his mouth and feet smeared with blood, rolled himself at the Bráhmaṇ's feet. Then that Bráhmaṇ, seeing him in such a condition, hastily concluding that he had eaten the child, killed him. Afterwards, no sooner did he come up than he beheld the infant slumbering safely, and the black serpent lying dead. Then looking at his benefactor the weasel, and bitterly repenting (of his precipitation), he experienced exceeding grief.'

EASY SENTENCES TO BE TRANSLATED AND PARSED.

933. Note—The numbers over the words in the following sentences and fables refer to the rules of the foregoing grammar. Those words which cannot be translated by a reference to the rules are explained in regular order at the foot of the page. Observe, that *cr.* stands for *crude base*; *c.* for *class* or for *case*; *s.* for *substantive*; *m.* for *masculine*; *f.* for *feminine*; *n.* for *neuter*.

स^{३२०} आगच्छतु । ताव्^{७९३. i.} आगच्छतां । आवाम्^{३२०} आगच्छाव ।
 त^{३२०} उपविशन्तु । तौ^{७९३. k} शृणुतां । ते^{६७६} शृण्वन्तु । अहं^{६९७} तिष्ठानि ।
 युवां^{३१० *} तिष्ठतं । वयम्^{३१६} उन्निष्ठाम । स^{३२०} करोतु । त्वं^{३१० *} कुरु । वयं^{६६१}
 करवामहै । स^{३१६} चिन्तयतु । त्वम्^{७९३. j.} अवधेहि । ते^{६६१} ददतु । यूयं^{३१० *}
 दत्त । भवान्^{६६१} एतु । कुत्र^{३१३} भवान्^{६०७} वसति । यूयं^{३१०} कुत्र^{६०७} वसथ ।
 भवान्^{६६१} शेतां । ते^{६३६} शेरतां । नरः^{६६६} स्वपितु । ते^{६६६} सर्वे^{६६६} सुषुपुः ।
 नरो^{६४४} गृहं याति । युष्माभिः^{३१०} किञ्चिद्^{३१६} भोक्तव्यं । वयं^{६६१} शास्त्रम्^{६६१}
 अध्ययामहै । अस्माभिः^{३१३} शास्त्राण्यध्येतव्यानि । त्वम्^{३१३} अन्नं^{८०६. b}
 भुंक्ष्व । मया^{६६१. a}न्नं^{३१६} भुज्यतां । त्वया^{३१०} दुग्धं^{८०६. b} पीयतां । यूयं^{३१०} जलं^{६६१}
 पिवत । यद्^{६९०} अहं^{६९०} जानामि तद्^{६९०} युष्मान्^{३१०} अध्यापयिष्यामि ।
 मा^{८९०} दिवा^{७१४} स्वाप्सीः । नदीं^{१०६} मा^{८९०} गाः । मा^{८९०} शब्दाद्^{८९०} विभीत ।
 मा^{८९०} मां^{७६०. b} निरपराधं^{६०७} बधान ॥

रात्रि^{७९३. j}शेषे विद्यार्थी शयनाद् उन्निष्ठेत् ॥

माता^{७९४. a}पित्रोस् तुष्ट्या सर्वस्य तपसः फलं^{३१७} प्राथते ॥

नर s. m. (1st c. 103) 'a man.' गृह s. n. (1st c. 104) 'a house.' शास्त्र s. n. (1st c. 104) 'a book,' 'a sacred treatise.' जल s. n. (1st c. 104) 'water.' रात्रि-शेषे genitively dependent (743); *rātri*, cr. 'night'; *śeshe*, loc. c. of *śesha*, s. m. (1st c. 103) 'end.' शयन s. n. 'a bed;' -*nād*, abl. c., *t* becomes *d* by 45. तुष्टि s. f. (2d c. 112) 'gratification;' -*shṭyá*, instr. c. तपस् s. n. (7th c. 164) 'penance;' -*sah*, gen. c. फल s. n. (1st c. 104) 'fruit;' -*lam*, nom. c.

ईरिणे वीजम् उष्वा कर्षकः फलं न प्राप्नोति ॥

शूकरोऽन्नघ्राणयोग्यदेशान् निरसनीयः ॥

रात्रिर्भूतानां स्वप्नार्थं भवति दिनं च कर्म्मनुष्ठानार्थं ॥

वहिःशैचं मृङ्गारिभ्याम् अन्तःशैचं रागद्वेषादित्यागेन

क्रियते ॥

न जातु कामः कामानाम् उपभोगेन शाम्यति ॥

व्यसनस्य च मृत्योश्च व्यसनं कष्टम् उच्यते ॥

आमृत्योः श्रीसिद्धयर्थम् उद्यमं कुर्यात् ॥

अङ्गिर्गात्राणि शुध्यन्ति मनस् तु निषिद्धचिन्तादिना

दूषितं सत्याभिधानेन ॥

ईरिण s. n. (1st c. 104) 'a barren soil;' -*ne*, loc. c. वीज s. n. (1st c. 104) 'seed;' -*jam*, acc. c. उष्वा indecl. part. (556), 'having sown,' from root *vap*. कर्षक s. m. (1st c. 103) 'a husbandman.' शूकर s. m. (1st c. 103) 'a hog.' अन्नघ्राणयोग्यदेशान् complex compound (770. a); *anna*, cr. 'food;' *ghrāṇa*, cr. 'smelling;' *yogyā*, cr. 'suitable,' 'fit;' *deśān*, abl. c. of *deśa* (1st c. 103), 'spot,' 'place,' *t* becomes *n* by 47. निरसनीय fut. pass. part. (570), 'to be driven away,' 'to be expelled,' from root *as*, with prep. *nir*. भूत s. n. (1st c. 104) 'a living being;' -*tānām*, gen. pl. स्वप्न cr. 'sleep;' *artham*, see 760. d. दिन s. n. (1st c. 104) 'day.' कर्म्म cr. 'business;' *anushthāna*, cr. 'performance;' *artham*, see 760. d. रागद्वेषादित्यागेन complex compound (772); *rāga*, cr. 'passion;' *dvesha*, cr. 'hatred;' *ādī*, cr. 'et cetera;' *tyāgena*, instr. c. of *tyāga*, s. m. (1st c. 103), 'abandonment.' काम s. m. (1st c. 103) 'desire,' 'object of desire;' -*mah*, nom. c.; -*mānām*, gen. c. pl. उपभोग s. m. (1st c. 103) 'enjoyment;' -*geva*, instr. c. व्यसन s. n. (1st c. 104) 'vice;' -*nasya*, gen. c. मृत्यु s. m. (3d c. 111) 'death;' -*tyoś*, gen. c., *s* becomes *ś* by 62. कष्ट adj. (1st c. 187) 'painful,' used here as superlative, 'the most painful.' श्री cr. 'prosperity,' 'fortune;' *siddhi*, cr. 'attainment,' 'accomplishment,' see 34; *artham*, see 760. d. उद्यम s. m. (1st c. 103) 'effort,' 'exertion.' गात्र s. n. (1st c. 104) 'a limb;' -*trāṇi*, n. pl. शुध्यन्ति 3d pl. pres. Parasmai, 'are purified,' from root *śudh* (4th c. 612). निषिद्धचिन्तादिना complex compound (764); *nishiddha*, cr. 'forbidden;' *chintā*, cr. 'thought;' *ādinā*, see 764. दूषित past pass. part. (549), 'polluted,' 'defiled,' from causal of root *dush* (4th c.). सत्याभिधानेन Tat-purusha or genitively dependent (743); *satya*, cr. 'truth;' *abhidhāna*, instr. c. of *abhidhāna*, s. n. (1st c. 104), 'speaking.'

विषाद् अप्यमृतं ग्राह्यं वालाद् अपि सुभाषितं ॥
 अद्धानः सञ्जातक्रोधाय कस्मैचित् प्रतिक्रोधं न कुर्यात् ॥
 सूर्येऽस्तमिते गृहस्थेनातिथिर् न प्रत्याख्येयः सायम्भोजने
 निवृत्तेऽपि तस्मै भोजनं देयं ॥
 अतिथिषु ज्ञातिषु च कृतभोजनेषु ततोऽन्नाद् अवशिष्टं
 भार्यापती पश्चाद् अश्रीयातां ॥
 यावत् पुरुषो भाषते तावत् प्राणितुं न शक्नोति यावच्च
 प्राणिति तावद् भाषितुं न शक्नोति ॥
 हस्तौ रक्ताक्तौ न रक्तेन किन्तु विमलजलेन विशुद्धौ

विष s. n. (1st c. 104) 'poison.' अमृत s. n. (1st c. 104) 'nectar.' वाल s. m. (1st c. 103) 'a child;' -*lād*, abl. c., *t* becomes *d* by 45. अद्धान s. m. (1st c. 103), 'a believer,' from *śrat*, an indecl. prefix implying 'belief,' and *dadhána*, 'having,' pres. part. Átm. of *dhá*, see 664. सञ्जातक्रोधाय Bahu-vr̥hi or relative form of descriptive (767. a); *sanjāta*, cr. 'excited,' 'roused;' *krodháya*, dat. c. of *krodha*, s. m. (1st c. 103), 'anger;' see 853. a. प्रतिक्रोध s. m. (1st c. 103) 'anger in return.' सूर्य s. m. (1st c. 103) 'the sun;' -*ye*, loc. c., see 840. अस्तमित past pass. part. (531), 'having gone to its setting,' 'having set,' from *astam*, acc. c. of *asta*, 'the western mountain,' and *ita*, past pass. part. of *i*, 'to go,' see 645. गृहस्थ s. m. (1st c. 103) 'a householder;' -*sthena*, instr. c. अतिथि s. m. (2d c. 110) 'a guest,' *s* becomes *r* by 65. प्रत्याख्येय fut. pass. part. (571. a), 'to be refused,' from root *khyá* (2d c.), with prep. *prati* and *á*. सायम्भोजन s. n. (1st c. 104), 'evening meal,' 'supper,' from *sáyam*, indecl. 'evening,' and *bhojana*, s. n. 'meal,' see 755. a; -*ne*, loc. c., see 840. निवृत्त past pass. part. (531), 'being ended,' from root *vr̥t* (598), with prep. *ni*. ज्ञाति s. m. (2d c. 110) 'a kinsman,' 'relative;' -*tishu*, loc. pl., see 840. पुरुष s. m. (1st c. 103) 'a man.' भाषते 3d sing. pres. Átmane, 'speaks,' from root *bhāsh* (1st c.). प्राणितुं infin. (458), 'to breathe,' from root *an* (2d c. 326), with prep. *pra*. प्राणिति 3d sing. pres. Parasmai, 'breathes;' see 326. हस्त s. m. (1st c. 104) 'a hand;' -*stau*, nom. c. du. रक्ताक्तौ Tat-purusha or instrumentally dependent (740); *rakta*, cr. 'blood;' *aktau*, nom. du. of *akta*, past pass. part. (539), 'soiled,' from root *aij* (7th c. 668). विमलजलेन Karma-dháraya or descriptive (755); *vimala*, cr. 'clean,' 'pure;' *jalena*, instr. c. of *jala*, s. n. (1st c. 104), 'water.' विशुद्ध past pass. part. (539), 'cleansed,' 'purified,' from root *śudh*, with prep. *vi*; -*ddhau*, nom. du.

भवतस् । तथैव मूर्खजनितं दोषं न मूर्ख एवापहन्ति किन्तु
विद्वान् ॥

यदि जन एकाकी जीवति न किञ्चित् त्यजति न कस्यापि
त्यागेन दुःखम् अनुभवति न च केनापि त्यज्यते ॥

धातूनां सुवर्णरजतादीनां मूषायाम् अग्निना ध्मायमा-
नानां मलद्रव्याणि दहन्ते ॥

अल्पधनान्यपि कुलानि वेदाध्ययनयुक्तानि महतीं
ख्यातिम् अर्जयन्ति ॥

देहो विविधव्याधीनाम् आश्रयः क्षुत्पिपासाशीतोष्ण-
पीडितो विनश्वरस्वभावोऽस्ति ॥

मूर्खजनितं 'Tat-purusha or instrumentally dependent (740); *múrkha*, cr. 'a fool'; *janitam*, acc. c. of *janita*, past pass. part. (549), 'occasioned by.' दोष s. m. (1st c. 103) 'mistake,' 'fault.' अपहन्ति 3d sing. pres. Parasmai, 'removes,' 'takes away,' from root *han* (2d c. 654), with prep. *apa*. जन s. m. (1st c. 103) 'a man.' एका-
किन् adj. m. f. n. (6th c. 188) 'alone;' -*kí*, nom. c. masc. दुःख s. n. (1st c. 104) 'grief,' 'pain.' धातु s. m. (3d c. 111) 'a metal;' -*tánám*, gen. pl. सुवर्णरज-
तादीनां complex relative compound (772); *suvarṇa*, cr. 'gold'; *rajata*, cr. 'silver';
ádínám, see 772. मूषा s. f. (1st c. 105) 'a crucible;' -*sháyám*, loc. c. ध्मायमान
pres. part. pass. (528), 'being melted,' from root *dhmá*, 'to blow' (1st c. 269).
कुल s. n. (1st c. 104) 'a family;' -*lání*, nom. pl. वेदाध्ययनयुक्तानि 'Tat-purusha
or dependent (745); *veda*, cr. 'the Veda,' 'holy scripture'; *adhyayana*, cr. 'study';
yuktáni, nom. pl. neut. of *yukta*, past pass. part. 'intent on,' 'attached to.' ख्याति
s. f. (2d c. 112) 'celebrity,' 'honour.' अर्जयन्ति 3d pl. pres. Parasmai, 'they
obtain,' from causal of root *arj*. देह s. m. (1st c. 103) 'the body;' final s
becomes *o* by 64. विविधव्याधीनां Karma-dháraya or descriptive (755); *vividha*,
cr. 'various'; *vyádhnám*, gen. pl. of *vyádhi*, s. m. (1st c. 103), 'disease,' 'sick-
ness.' आश्रय s. m. (1st c. 103) 'abode,' 'seat.' क्षुत्पिपासाशीतोष्णपीडितो
complex compound, the whole being a dependent, containing an aggregative
(771); *kshudh*, cr. 'hunger,' *dh* becomes *t* by 42; *pipásá*, cr. 'thirst'; *śíta*, cr.
'cold'; *ushṇa*, cr. 'heat'; *píḍita*, nom. c. of *píḍita*, past pass. part. (538), 'afflicted,'
'suffering from.' विनश्वरस्वभावो Bahu-vr̥hi or relative form of descriptive
(766); *vinaśwara*, cr. 'perishable,' 'frail'; *swabhávo*, nom. c. of *swabháva*, s. m.
(1st c. 103), 'nature.'

यं माता^{764. a}पितरौ^{611. a} क्लेशं^{128. b} सहेते सम्भवे^{128. b} नृणां ।
न तस्य निष्कृतिः⁸⁶⁰ शक्या⁶⁸² कर्तुं⁸⁶⁰ वर्षशतैर्⁸⁶⁰ अपि ॥

934. FABLES* TO BE TRANSLATED AND PARSED.

॥ कथा १ ॥ STORY I.

एकस्मिन्^{238.} प्रदेशे⁷⁰⁵ कश्चिद्^{103.} गोमायुर्⁷⁰⁵ नाम शृगालः⁷¹³
क्षुत्क्षामकरु^{771. 536} इतश्चे^{710.} तश्च⁷²⁷ परिभ्रमन्⁷²⁷ वने सैन्यद्वयसङ्ग्रामभू-
मिम्⁶⁰⁴ अपश्यत् । तस्यां²²⁰ च⁷²⁷ दुन्दुभेः⁵⁴⁸ पतितस्य⁵⁴⁸ वायुवशाद्
उद्धतशाखायैर्⁶⁷⁶ हन्यमानस्य⁶⁷⁶ शब्दम्⁶⁷⁶ अशृणोत् । अथ^{727. c} क्षुभि-
तहृदयश्⁶⁴¹ चिन्तयामास । अहो⁷¹³ विनष्टोऽस्मि⁶⁵⁴ । तद्^{711. a} यावन्^{711. a}

क्लेश s. m. (1st c. 103) 'trouble,' 'pains.' सम्भव s. m. (1st c. 103) 'rearing,'
'bringing up;' -*ve*, loc. c. निष्कृति s. f. (2d c. 112) 'acquittance,' 'discharge
of a debt or obligation.'

गोमायु s. m. (3d c. 111) 'a jackal,' a proper name; -*yur*, nom. c., final *s* becomes
r by 65. शृगाल s. m. (1st c. 103) 'a jackal,' -*lah*, nom. c. (63). क्षुप् s. f.
(8th c. 177) 'hunger;' *kshut*, cr., for *kshudh* by 42. करु s. m. n. (1st c. 103,
104) 'the throat;' -*ṛta*, nom. c., final *s* dropped by 66. परिभ्रमन् pres. part.
Parasmai (524), 'wandering,' from *bhram*, 'to wander' (1st c.), with prep. *pari*,
'about' (783); -*man*, nom. c. masc. वन s. n. (1st c. 104) 'a wood;' -*ne*, loc. c.
सैन्यद्वयसङ्ग्रामभूमिम् Tat-purusha or dependent (745); *sainya*, cr. 'army;' *dwaya*,
cr. 'two' (835. a); *san-grāma*, er. 'battle,' 'war;' *bhūmim*, acc. c. of *bhūmi*, s. f.
(2d c. 112), 'ground,' 'field,' 'site.' दुन्दुभि s. m. (2d c. 110) 'a kettle-drum';
-*bheh*, gen. c. (63); -*bhim*, acc. c. वायुवशाद् Tat-purusha or dependent (743);
vāyu, cr. 'wind;' *vaśād*, abl. c. of *vaśa*, s. n. (1st c. 104), 'power,' 'force;' *vaśād*
for *vaśāt* by 45. उद्धतशाखायैर् complex compound (770. a); *uddhata*, cr. of
past pass. part. 'raised,' lit. 'struck up,' from root *han*, see under *ut* at 783, and
compare 545; *sākhā*, cr. 'branch;' *agrair*, instr. c. pl. of *agra*, s. n. (1st c. 104),
'point,' 'end.' हन्यमान pres. part. pass. (528), 'being struck,' from *han*, 'to
strike' (654); -*nasya*, gen. c. शब्द s. m. (1st c. 103) 'noise,' 'sound;' -*dam*,
acc. c. The nom. c. occurs in next page. क्षुभितहृदयश् Bahu-vrīhi or rela-
tive form of descriptive (761, 766); *kshubhita*, cr. of past pass. part. 'agitated,'
'shaken,' from root *kshubh* (539); *hṛidayas*, nom. c. masc. of *hṛidaya*, s. n. (1st c.
104, 108), 'heart,' 'mind.' विनष्ट past pass. part. (531), 'lost,' 'undone,' from
root *naś* (4th e. 620), with prep. *vi*; see under *vi* at 783; see also 895.

* Selected from the Pañcha-tantra.

ना^{717.1, 724}श्चारितस्य दृष्टि⁶⁰²गोचरे गच्छामि । तावद् अन्त्यतो⁷³⁰
व्रजामीति । अथवा नैतद् युज्यते सहसैव पितृपर्यायागतं^{717.2, 723}
वनं त्यक्तुं । उक्तं च

भये वा यदि वा हर्षे सम्प्राप्ते यो विमर्शयेत् ।

कृत्यं न कुरुते वेगान् न स सन्तापम् आप्नुयात् ॥

तत् तावज् जानामि कस्यायं शब्द इति धैर्यम् आलम्ब्य
व्यमर्शयत् । यावन् मन्दं मन्दं प्रतिगच्छति तावद् दुन्दुभिम्
अपश्यत् । यावच् छाखाग्रैर् वायुवशाद् धन्यते तावच्
छब्दं करोति । अन्त्या तूष्णीम् आस्ते । ततश्च सम्यक्
परिज्ञाय समीपं गत्वा स्वयम् एव कौतुकाद् अताडयत् ।

प्रोच्चारित past pass. part. (549), 'made to utter a sound,' 'made to give forth a noise,' 'uttering a loud voice,' from causal form of root *char* (1st c.), with prep. *pra* and *ut* (48, 783); *-tasya*, gen. c. दृष्टिगोचर Tat-purusha or dependent (743) 'the range of the sight'; *dṛishṭi*, cr. 'sight'; *gochara*, 'range,' 'limit,' lit. 'range of a cow's pasturage'; *-re*, loc. c. व्रजामि 1st sing. pres. Parasmai, 'I will go,' from root *vraj* (1st c.); see 873.

पितृपर्यायागत Tat-purusha or dependent (745); *pitri*, cr. 'father,' 'ancestor'; *paryāya*, cr. 'succession,' 'inheritance'; *āgatam*, acc. c. of *āgata*, 'come,' past pass. part. (545) of root *gam*, 'to go,' with prep. *ā*; see under *ā* at 783. भय s. n. (1st c. 104) 'fear,' 'fearful thing,' 'danger'; *-ye*, loc. c. हर्ष s. m. (1st c. 103) 'joy,' 'pleasure,' 'happiness'; *-rshe*, loc. c.

सम्प्राप्त past pass. part. (531), 'obtained,' 'arrived,' 'happened,' from root *āp* (5th c. 681), with prep. *sam* and *pra*; *-pte*, loc. c. विमर्शयेत् 3d sing. pot. Parasmai, 'he may consider,' 'deliberate,' 'hesitate,' from root *mṛśi* (10th c.), with prep. *vi*. कृत्य s. n. (1st c. 104) 'act,' 'action,' 'that which is to be done'; *-tyam*, acc. c. वेग s. m. (1st c. 103) 'impetuosity'; *-gān*, abl. c., *t* becomes *n* by 47.

सन्ताप s. m. (1st c. 103) 'remorse,' 'repentance,' 'pain'; *-pam*, acc. c. धैर्यं s. n. (1st c. 104) 'firmness,' 'boldness,' 'courage'; *-ryam*, acc. c. आलम्ब्य indecl. part. (564), 'having taken hold of,' 'having rested on,' 'having recourse to,' from root *lamb*, with prep. *ā*. व्यमर्शयत् 3d sing. 1st pret. Parasmai, 'he reflected,' 'he considered,' from root *mṛśi*, with prep. *vi*. मन्दं adv. 'slowly,' from *manda*, 'slow'; see 713.

छाखाग्रैर् for शाखाग्रैर् by 49; see उद्धत-शाखाग्रैर् in last page. सम्यक् adv. 'truly,' 'accurately.' परिज्ञाय indecl. part. (561), 'having ascertained,' from root *jñā* (688), with prep. *pari*. कौतुक s. n. (1st c. 104) 'curiosity,' 'sport'; *-kād*, abl. c. (45).

भूयश्च⁷¹¹ हर्षाद्⁷¹⁵ अचिन्तयत् । अहो चिराद्⁶¹¹ एतद्⁷¹² अस्माकं⁷¹⁶
 महद्¹⁴⁷ भोजनम् आपतितं । तन्^{713. a} नूनम् एतन्⁷¹⁷ मांसमे-
 दोऽसृग्भिः पूरितं भविष्यति । ततः परुष^{68c} चर्मवगुण्डितं
 कथमपि विदार्य एकदेशे छिद्रं कृत्वा संहृष्ट^{767. a} मनाः प्रविष्टः ।
 परं चर्म विदारयतो दंष्ट्राभङ्गः सञ्जातः । अथ तद् दारु-
 चर्मविशेषम् आलोक्य निराशीभूतः ॥

॥ कथा २ ॥ STORY 2.

कस्मिंश्चिद् अधिष्ठाने चत्वारो ब्राह्मणपुत्राः परं मैत्री-
 भावम् उपागता निवसन्ति स्म । तेषां त्रयः सर्वशास्त्रपा-

भोजन s. n. (1st c. 104) 'food;' -*nam*, nom. c. आपतित past pass. part. (538),
 'happened,' 'befallen,' from root *pat*, with prep. *á*. मांसमेदोऽसृग्भिः Dwandva
 or aggregative (749); *mánsa*, cr. 'flesh;' *medas*, cr. 'marrow,' *as* becomes *o* by
 64. a; *asṛigbhīh*, instr. c. pl. of *asṛij*, 'blood' (8th c. 176. d). पूरित past pass.
 part. (549), 'filled,' from root *pri* (10th c. 640). परुषचर्मवगुण्डितं complex
 compound (770); *parusha*, cr. 'harsh,' 'hard;' *charma*, cr., for *charman*, 'skin,'
 'hide,' 'leather,' see 57; *avaguṇḥitam*, acc. c. of *avaguṇḥita*, 'covered,' past pass.
 part. (538) of root *guṇḥ*, with prep. *ava*. विदार्य indecl. part. (566), 'having
 torn,' from causal of root *drí*, with prep. *vi*. एकदेशे Karma-dháraya or
 descriptive (755) 'in one spot;' *eka*, cr. 'one;' *deśe*, loc. c. of *deśa* (1st c. 103),
 'spot,' 'place.' छिद्र s. n. (1st c. 104) 'a hole;' -*dram*, acc. c. प्रविष्ट past
 pass. part. (531), 'entered,' 'penetrated,' 'pierced,' from root *viś*, with prep. *pra*;
 see 896. परं adv. 'afterwards,' 'then,' 'but,' 'nevertheless.' चर्मन् s. n.
 (6th c. 152) 'skin,' 'hide,' 'leather;' -*rma*, acc. c. विदारयत् pres. part. Parasmai
 (524), 'tearing,' 'rending asunder,' from causal of root *drí*, with prep. *vi*; -*yato*,
 gen. c., final *as* becomes *o* by 64. दंष्ट्राभङ्गः Tat-purusha or dependent (743);
danshtrá, cr. 'tooth;' *bhan-gah*, nom. c. of *bhan-ga* (1st c. 103), 'breaking,' 'frac-
 ture.' सञ्जात past pass. part. (545) 'produced,' 'happened;' -*tah*, nom. c.
 दारुचर्मविशेषं complex relative compound (771); *dáru*, cr. 'wood;' *charma*, cr.,
 for *charman*, 'skin,' see 57; *viśesham*, acc. c. of *viśesha*, s. m. (1st c. 103), 'pro-
 perty,' 'attribute.' आलोक्य indecl. part. (564), 'perceiving,' 'seeing,' from
 root *lok*, with prep. *á*. निराशीभूत past pass. part. (532), 'disappointed,' from
nir 'not,' *ásá* 'hope,' *bhúta* 'become;' see 788.
 अधिष्ठान s. n. (1st c. 104) 'a place,' 'a town;' -*ne*, loc. c. पर adj. m. f. n.
 (1st c. 187) 'great,' 'excessive;' -*ram*, acc. c.

रगाः परं बुद्धि⁷⁴⁰रहिताः । एकस्^{738. n} तु शास्त्र⁷⁴²पराङ्मुखः केवलं⁷¹³
 बुद्धिमान् । अथ कदाचित्³¹⁰ तैर्³²⁰ मिलित्वा मन्वितं । को
 गुणो विद्याया^{727. b} यदि देशान्तरं^{777. b} गत्वा भूपतीन्¹³¹ परितोषार्थो-
 पार्जना^{744. n} न क्रियते । तत्^{714. n} सर्वथा⁷²¹ सर्वे³³⁷ देशान्तरं^{777. b} गच्छाम⁶⁰²
 इति । तथा^{840, 784}नुष्ठिते किञ्चिन्³²⁸ मार्गं³⁴⁰ गत्वा तेषां^{104, 812. n} ज्येष्ठतरः³²⁷ प्राह ।
 अहो⁷³³ अस्माकम्³¹⁸ एकश्³⁰⁰ चतुर्थो³⁰⁰ मूढः³⁰⁰ केवलं³⁰⁰ बुद्धिमान् ।
 न च विद्यां⁷³¹ विना⁷⁴⁰ राज्ञां⁷⁴⁰ प्रतिग्रहः⁷⁴⁰ केवल⁶⁰¹ बुद्ध्या⁶⁰¹ लभ्यते ।
 तद्³²⁴ अस्मै³²⁴ स्वोपार्जनाविभागं⁶⁶¹ न दास्यामः । तद्²²³ एष²²³
 निवृत्य^{781, 664} स्वगृहं³¹² गच्छतु । अथ³⁰⁵ द्वितीयेनाभिहितं⁷⁸¹ । अहो^{760. n}
 सुबुद्धे⁷⁴⁰ विद्याहीनस्³¹⁰ त्वं । तद्⁶⁰² गच्छ⁶⁰² गृहं । ततस्⁷¹⁰ तृतीयेना-
 भिहितं । अहो न युज्यते⁷⁰² कर्तुम्⁸⁶⁰ एवं । यतो⁷¹⁰ वयं³¹⁸ बाल्यात्³¹⁸
 प्रभृत्येकत्र⁷³¹ क्रीडिताः⁷²⁰ । तद्^{783, 602} आगच्छतु । महानुभावोऽस्मद्³¹⁸

बुद्धिमत् adj. m. f. n. (5th c. 188) 'possessed of intelligence,' 'intelligent,' see 140; -*mán*, nom. c. मन्वित past pass. part. (530), 'planned,' 'deliberated,' from root *mantr* (10th c.). गुण s. m. (1st c. 103) 'merit,' 'advantage;' -*ṇo*, nom. c., as becomes *o* by 64. विद्या s. f. (1st c. 105) 'learning,' 'knowledge,' 'science;' -*dyáyá*, gen. c., final *s* dropped by 66. a; -*dyám*, acc. c. परितोष indecl. part. (566), 'having propitiated,' 'having pleased,' from causal of root *tush*, with prep. *pari*. मार्ग s. m. (1st c. 103) 'a road,' 'a way;' -*rgam*, acc. c. प्राह 3d sing. 2d pret. Parasmai, 'he said,' 'he addressed,' from root *ah*, with prep. *pra*; see 384 and 783. p. मूढ past pass. part., used as adj. (1st c. 187), 'ignorant,' 'foolish,' from root *muh*; see 539, 305. a. प्रतिग्रह s. m. (1st c. 103) 'donation,' 'countenance,' 'favour;' -*hah*, nom. c. केवलबुद्ध्या Karma-dháraya or descriptive (755); *kevala*, cr. 'mere;' *buddhyá*, instr. c. of *buddhi*, s. f. (2d c. 112), 'intelligence.' स्वोपार्जनाविभागं complex compound (770); *swa*, cr. 'own,' see 232; *upárjaná*, cr. 'earning,' 'acquisition;' *vibhágam*, acc. c. of *vibhága*, s. m. (1st c. 103), 'share.' गृह s. n. (1st c. 104) 'house,' 'home;' -*ham*, acc. c. अभिहित past pass. part. (533), 'said,' 'spoken,' 'accosted,' from root *dhá*, with prep. *abhi*. बाल्य s. n. (1st c. 104) 'childhood;' -*lyát*, abl. c. क्रीडित past pass. part. (538), 'played,' 'sported,' from root *krád*. महानुभाव Bahu-vrihi or relative form of descriptive (761); *mahá* for *mahat*, cr. 'great,' 'noble,' see 778; *anubhávo*, nom. c. (64. a) of *anubháva*, s. m. (1st c. 103), 'disposition.' This compound is equivalent to the English, 'a good fellow,' 'a fine fellow.'

पार्जितस्य⁷⁴⁰ वित्तस्य⁶⁸¹ संविभागी^{840, 781} भवतु । तथा^{626, 770, 8, 132}नुष्ठिते^{530, 604} तैर्
मार्गम्^{781, 604} अतिक्रामद्भिर्^{626, 770, 8, 132} अटव्यां^{530, 604} मृतसिंहास्थीनि^{530, 604} दृष्टानि ।
ततश्चैकेनाभिहितं⁶⁰⁰ । अहो⁶⁰⁰ पूर्वाधीतविद्यायाः⁶⁰⁰ प्रत्ययः⁷⁰¹ क्रियते ।
किञ्चिद्⁶⁰⁰ एतन्²²¹ मृतसत्त्वं⁶⁰⁰ तिष्ठति । तत्⁶⁰⁰ सदभ्यस्तविद्याप्र-
भावेण⁶⁰⁰ प्रत्युज्जीवयामः⁶⁰⁰ । ततश्चैकेनाभिहितं⁶⁰⁰ । अहम्⁶⁰⁰ अस्थि-
सञ्चयं⁶⁰⁰ कर्तुं⁶⁰⁰ जानामि⁶⁰⁰ । द्वितीयेनाभिहितं⁶⁰⁰ । चर्ममांसरुधिरं⁶⁰⁰
प्रयच्छामि⁶⁰⁰ । तृतीयेनाभिहितं⁶⁰⁰ । अहं⁶⁰⁰ सञ्जीवनं⁶⁰⁰ करोमि⁶⁰⁰ । तत
एकेनास्थिसञ्चयः⁶⁰⁰ कृतः⁶⁰⁰ । द्वितीयेन⁶⁰⁰ चर्ममांसरुधिरैः⁶⁰⁰ संयो-
जितः⁶⁰⁰ । तृतीयो⁶⁰⁰ यावज्जीवितव्यं⁶⁰⁰ योजयितुं⁶⁰⁰ लग्नः⁶⁰⁰ । तावत्⁶⁰⁰
स⁶⁰⁰ बुद्धिमता⁶⁰⁰ निषिद्ध⁶⁰⁰ उक्तश्च⁶⁰⁰ । एष⁶⁰⁰ सिंहः⁶⁰⁰ । यद्येनं⁶⁰⁰ सजीवं⁶⁰⁰
करिष्यसि⁶⁰⁰ तत्⁶⁰⁰ सर्वान्⁶⁰⁰ अण्यस्मान्⁶⁰⁰ व्यापादयिष्यतीति⁶⁰⁰ । ततस्

वित्त s. n. (1st c. 104) 'wealth,' 'riches,' 'property;' -*ttasya*, gen. c. संविभा-
गिन् agt. (582. a), 'a participator,' 'a sharer,' from root *bhaj*, with prep. *sam* and
vi; -*gi*, nom. c., see 159. अटवी s. f. (1st c. 106) 'a forest,' 'a wood;' -*ryám*,
loc. c. पूर्वाधीतविद्यायाः complex compound (770); *púrva*, cr. 'former,' 'for-
merly;' *adhíta*, cr. 'studied;' *vidyáyáh*, gen. c. of *vidyá*, which see. प्रत्यय s. m.
(1st c. 103) 'test,' 'trial,' 'ascertainment.' मृतसत्त्वं Karma-dháraya or descrip-
tive (755); *mṛita*, cr. 'dead;' *sattwam*, nom. c. of *sattwa*, s. n. (1st c. 104), 'animal,'
'beast.' सदभ्यस्तविद्याप्रभावेण complex compound (770); *sad* for *sat*, cr. 'well,'
'good,' see 45; *abhyasta*, cr. 'exercised,' 'practised,' 'learnt;' *vidyá*, cr. 'science;'
prabháveṇa, instr. c. of *prabháva*, s. m. (1st c. 103), 'power.' प्रत्युज्जीवयामः 1st
pl. pres. Parasmai, 'we will cause to live again,' 'let us resuscitate,' from causal
of root *jív* (603), with prep. *prati* and *ut*; see 48 and 873. प्रयच्छामि 1st sing.
pres. Parasmai, 'I will provide,' 'I will furnish,' from root *yam*, with prep. *pra*;
see 270 and 873. सञ्जीवन s. n. (1st c. 104) 'bringing to life;' -*nam*, acc. c.
अस्थिसञ्चयः Tat-purusha or dependent (743); *asthi*, cr. 'bone;' *sañchayah*, nom. c.
'collecting,' 'gathering together.' संयोजित past pass. part. (530), 'furnished,'
'endowed,' from root *yuj* (see tables at 583), with prep. *sam*; -*tah*, nom. c. लग्न
past pass. part. (531. a), 'intent on,' 'busied about,' from root *lag*, see 896;
-*gnah*, nom. c. निषिद्ध past pass. part. (539), 'prohibited,' 'forbidden,' from
root *sidh*, with prep. *ni* (see 616 and 783. l). सिंह s. m. (1st c. 103) 'a lion;'
-*hah*, nom. c. व्यापादयिष्यति 3d sing. 2d fut. Parasmai, 'he will kill,' 'he will
destroy,' from causal of root *pad*, 'to go,' with prep. *vi* and *á*, 'to kill;' see 784.

तेनाभिहितं । धिग्⁷¹² मूर्खं²¹⁸ नाहं विद्यां विफलतां⁶⁴⁶ नेथामि ।
 ततश्च तेनाभिहितं । तर्हि^{717-f} क्षणं⁷⁸¹ प्रतीक्षस्व यावद् अहम्⁶⁰⁸
 एनं समीपतरुम् आरोहामि । तथा^{640, 781}नुष्ठिते यावत् सजीवः⁷⁶⁰
 कृतस् तावत् त्रयोऽपि²⁰² ते तेनोत्थाय व्यापादिताः । स⁶⁰⁷
 च बुद्धिमान् सिंहे स्थानान्तरे⁸⁴⁰ गते वृक्षाद् अवतीर्य^{781, 661}
 गृहं गतः ॥

॥ कथा ३ ॥ STORY 3.

कस्मिंश्चिज् जलाशये शतबुद्धिसहस्रबुद्धिनामानौ द्वौ²¹⁸
 मत्स्यौ प्रतिवसतः स्म । तयोर् एकबुद्धिर् नाम मराडूको^{711-b}
 मित्रताम् आजगाम । एवं ते त्रयोऽपि जलतीरे कियन्तं⁸²¹
 कालं सुभाषितगोष्ठीसुखम् अनुभूय पुनर् जलं प्रविशन्ति ।
 अथ तेषां कदाचिद् गोष्ठीगतानां जालहस्ता धीवराः प्रभूतैर्

मूर्खं s. m. (1st c. 103) 'a fool'; -*rkha*, voc. c. विफलता s. f. (1st c. 105) 'unprofitableness,' 'uselessness'; -*tám*, acc. c. समीपतरुं Karma-dháraya or descriptive (755); *samípa*, cr. 'near,' 'neighbouring'; *tarum*, acc. c. of *taru*, s. m. (3d c. 111), 'a tree.' आरोहामि 1st sing. pres. Parasmai, 'I ascend,' 'I mount,' from root *ruh* (1st c.), with prep. *á*. उत्थाय indecl. part. (561), 'having risen (into life),' from root *sthá* (587), with prep. *ut*; see under *ut* at 783. *j*. वृक्ष s. m. (1st c. 103) 'a tree'; -*kshád*, abl. c., see 45.

शतबुद्धिसहस्रबुद्धिनामानौ complex relative compound (771); *śatabuddhi*, cr. 'Hundred-devices,' name of a fish; *sahasrabuddhi*, 'Thousand-devices,' name of a fish; *námánau*, see 152 and 154. मत्स्य s. m. (1st c. 103) 'a fish'; -*tsyau*, nom. du. एकबुद्धिर् Bahu-vrihi or relative form of descriptive (766) 'One-device,' name of a fish; final *s* becomes *r* by 65. मराडूक s. m. (1st c. 103) 'a frog'; -*ko*, nom. c., see 64. मित्रता s. f. (1st c. 105) 'friendship'; -*tám*, acc. c. सुभाषितगोष्ठीमुखं complex compound (770); *su*, indecl. 'good'; *bháshita*, cr. 'discourse'; *goshthí*, cr. 'conversation'; *sukham*, acc. c. of *sukha*, s. n. (1st c. 104), 'pleasure,' 'happiness.' जल s. n. (1st c. 104) 'water'; -*lam*, acc. c. प्रविशन्ति 3d pl. pres. Parasmai, 'they enter,' from root *viś* (6th c.), with prep. *pra*. धीवर s. m. (1st c. 103) 'a fisherman'; -*rúh*, nom. pl. प्रभूत past pass. part., used as adj. (1st c. 187), 'many,' 'abundant,' from root *bhú*, with prep. *pra*; see 532.

मत्स्यैर् व्यापादितैर् मस्तके धृतैर् अस्तमयनवेलायां समा-
याताः । तं च जलाशयं दृष्ट्वा ते मिथः प्रोचुः । अहो
बहुमत्स्योऽयं हृदो दृश्यते स्वल्पसलिलश्च । तत् प्रभा-
तेऽत्रागमिथामः । इत्युक्त्वा स्वगृहं गताः । ते च तद्
वज्रपातसदृशं वचः श्रुत्वा परस्परं मन्त्रयाञ्चक्रुः । तत्र
मण्डूकोऽब्रवीत् । भो भद्रौ शतबुद्धिसहस्रबुद्धी किम् अत्र
कर्तुं युज्यते । पलायनम् अवष्टम्भो वा । तच्च छुत्वा सहस्र-
बुद्धिर् विहस्योवाच । भो मित्र मा भैषीर् वचनश्रवण-
मात्रेणापि । आगमनम् अपि तेषां न सम्भाव्यते भविष्यति
वा । तदा स्वबुद्धिप्रभावेण त्वाम् आत्मानं च रक्षिष्यामि ।
यतोऽहम् अनेकजलगतीर् जानामि । तच्च छुत्वा शत-

मस्तक s. m. (1st c. 103) 'the head;' -ke, loc. c. धृत past pass. part. (532),
'placed,' 'held,' from root *dhri*. अस्तमयनवेलायां Tat-purusha or dependent
(743); *astamayana*, cr. 'sunset;' *veláyám*, loc. c. of *velá*, s. f. (1st c. 105), 'time.'
समायात past pass. part. (532), 'arrived,' 'came,' from root *yá*, with prep. *sam*
and *á*. प्रोचुः 3d pl. 2d pret. Parasmai, 'they said,' from root *vach*, with prep.
pra; see 375. c. हृद s. m. (1st c. 103) 'lake,' 'pond;' -do, nom. c., see 64.
उक्त्वा indecl. part. (556), 'having said,' 'having spoken,' from root *vach*. वचस्
s. n. (7th c. 164) 'speech,' 'discourse;' -chah, acc. c., see 63. मन्त्रयाञ्चक्रुः 3d pl.
2d pret. Parasmai, 'they consulted,' 'they deliberated,' from root *mantr* (10th c.);
see 385. a. भद्र adj. m. f. n. (1st c. 187) 'good,' 'excellent;' -drau, voc. du.
पलायन s. n. (1st c. 104) 'flight,' 'departure;' -nam, nom. c. अवष्टम्भ s. m.
(1st c. 103) 'stopping,' 'staying;' -mbho, nom. c., see 64. विहस्य indecl. part.
(564), 'having smiled,' from root *has*, with prep. *vi*. मित्र s. n. (1st c. 104) 'a
friend;' -tra, voc. c. श्रवण s. n. (1st c. 104) 'hearing,' 'listening to.' आगमन
s. n. (1st c. 104) 'arrival,' 'coming;' -nam, nom. n. सम्भाव्यते 3d sing. pres.
passive, 'will take place,' 'will happen,' from causal of root *bhú* (585), with prep.
sam; see 496, 873. स्वबुद्धिप्रभावेण Tat-purusha or dependent (743); *swa*, cr.
'own;' *buddhi*, cr. 'intellect;' *prabhávena*, instr. c. of *prabháva*, s. m. (1st c. 103),
'power.' रक्षिष्यामि 1st sing. 2d fut. Parasmai, 'I will preserve,' from root
raکش (1st c.). अनेकजलगतीर् complex compound (770); *aneka*, cr. 'many;'
jala, cr. 'water;' *gatír*. acc. c. pl. of *gati*, s. f. (2d c. 112), 'movement;' final *s*
becomes *r* by 65.

बुद्धिर् आह । भो युक्तम् उक्तं सहस्रबुद्धिना । वचनश्रव-
णमात्राज् जन्मस्थानं पितृपर्यायागतं त्यक्तुं न शक्यते ।
तन् न क्वचिद् अपि गन्तव्यं । अहं त्वां स्वबुद्धिप्रभावेण
रक्षिष्यामि । मराडूक आह । भद्रौ मम तावद् एकैव बुद्धिः
पलायनविषया । तद् अहम् अन्यं कञ्चिज् जलाशयं
सभार्योऽद्यैव यास्यामि । एवम् उक्त्वा मराडूको रात्रिम्
आसाद्यान्यं जलाशयं गतः । अथान्येद्युस् तैर् यमकिङ्क-
राभैर् मत्स्यबन्धिभिः प्रभात आगत्य जालैर् आच्छादितो
हृदः । सर्वेऽपि मत्स्यकूर्ममराडूककर्कटादयो जलचरा जाले
निबद्धा गृहीताः । तौ च शतबुद्धिसहस्रबुद्धी सभार्यौ
पलायमानौ चिरम् आत्मानं गतिविशेषविज्ञानैः

पलायनविषया Bahu-vrīhi or relative form of dependent (762); *paláyana*, cr. 'flight'; *vishayá*, nom. fem. of *vishaya*, s. m. (1st c. 103), 'subject,' 'of which flight is the subject,' 'relating to flight'; see 762. a. रात्रि s. f. (2d c. 112) 'night'; -*trim*, acc. c. आसाद्य indecl. part. (566), 'having reached,' 'having arrived at,' from root *sad* (10th c.), with prep. *á*; *rátrim ásadya*, 'having arrived at the night,' i. e. 'when the night had arrived.' यमकिङ्कराभैर् anomalous compound (777); *yama*, cr. 'Death,' 'the god of hell'; *kin-kara*, cr. 'a servant,' 'a messenger'; *ábhair*, instr. c. pl. of *ábha*, adj. (1st c. 103), 'like,' 'resembling'; *s* becomes *r* by 65. मत्स्यबन्धिभिः Tat-purusha or genitively dependent (743); *matsya*, cr. 'fish'; *bandhibhīh*, instr. c. of *bandhin*, noun of agency, 'a catcher,' 'a killer,' see 582. a. आगत्य indecl. part. (564. a), 'having come,' from root *gam*, with prep. *á*. जाल s. n. (1st c. 104) 'a net'; -*lair*, instr. pl., see 65. आच्छादित past pass. part. (530) 'covered'; -*to*, nom. c., see 64. मत्स्यकूर्ममराडूककर्कटादयो complex relative compound, involving an aggregative (772); *matsya*, cr. 'fish'; *kúrma*, cr. 'tortoise'; *maṇḍúka*, cr. 'frog'; *karkaṭa*, cr. 'crab'; *ádayo*, nom. pl. of *ádi*, s. m. (2d c. 110), 'beginning'; see 772. निबद्ध past pass. part. (544), 'caught,' 'confined,' from root *bandh*, with prep. *ni*; -*ddhá*, nom. c. pl.; final *s* dropped by 66. a. पलायमान pres. part. *Átmane* (526), 'running away,' 'trying to escape,' from root *i*, with prep. *pará*, see under *pará* at 783; -*nau*, nom. du. गतिविशेषविज्ञानैः complex compound (770); *gati*, cr. 'movement'; *riśesha*, cr. 'variety,' 'difference'; *vijñānaih*, instr. c. pl. of *vijñāna*, s. n. (1st c. 104), 'knowledge.'

कुटिलचारेण रक्षन्ताव् अपि जाले निपतितौ व्यापां-
दितौ च ॥

॥ कथा ४ ॥ STORY 4.

अस्ति कस्मिंश्चिद् वनोद्देशे कश्चित् पुलिन्दः । स च
पापर्द्धिं कर्तुं वनं प्रति प्रस्थितः । अथ तेन प्रसर्पता
महान् क्रोडः समासादितः । तं दृष्ट्वा कर्णाकृष्टनिशितसा-
यकेन समाहतः । तेनापि कोपाविष्टचेतसा बालेन्दुद्युति-
दंष्ट्राग्रेण पाटितोदरः पुलिन्दो गतासुर् भूतले प्रापत् ।

कुटिलचारेण Karma-dhārāya or descriptive (755); *kuṭīla*, cr. 'crooked'; *chāreṇa*, instr. c. of *chāra*, s. m. (1st c. 103), 'motion.' रक्षन्तौ nom. du. masc. of *rakshat*, pres. part. Parasmai (524), 'preserving,' from root *raksh*. निपतितौ past pass. part. (538), 'fallen,' 'fell,' see 896, from root *pat*, with prep. *ni*.

वनोद्देशे Tat-purusha or genitively dependent (743); *vana*, cr. 'wood'; *uddeśa*, s. m. (1st c. 103), 'quarter,' 'region'; -*śe*, loc. c. पुलिन्द s. m. (1st c. 103) 'a mountaineer,' 'a countryman'; -*ndah*, nom. c. पापर्द्धि s. f. (2d c. 112) 'hunting,' 'chase'; -*rddhim*, acc. c. प्रस्थित past pass. part. (533), 'set out,' 'set forward,' from root *sthá*, with prep. *pra*; see under *pra* at 783, and see 896. प्रसर्पता instr. c. sing. of *prasarpata*, pres. part. Parasmai (524), 'proceeding onwards,' 'creeping forwards,' from root *srip*, with prep. *pra*. क्रोड s. m. (1st c. 103) 'a boar,' 'a hog.' समासादित past pass. part. (530), 'met,' 'encountered,' from causal of root *sad*, with prep. *sam* and *á*. कर्णाकृष्टनिशितसायकेन complex compound (770); *karṇa*, cr. 'ear'; *ákrishṭa*, cr. 'drawn,' 'pulled'; *nishita*, cr. 'sharp'; *sáyaka*, s. m. (1st c. 103), 'an arrow'; -*kena*, instr. c. समाहत past pass. part. (545), 'killed,' from root *han* (2d c., see 654), with prep. *sam* and *á*. कोपाविष्टचेतसा complex relative compound (771); *kopa*, cr. 'rage'; *ávisṭa*, cr. 'possessed,' 'filled with'; *chetas*, s. n. (7th c. 164), 'mind'; -*sá*, instr. c. बालेन्दुद्युतिदंष्ट्राग्रेण complex compound (770); *bála*, cr. 'young'; *indu*, cr. 'moon'; *dyuti*, cr. 'brightness'; *danshtrá*, cr. 'tusk' (80. XXIV); *agra*, s. n. (1st c. 104), 'point'; -*greṇa*, instr. c. पाटितोदरः Bahu-vrīhi or relative form of descriptive (766); *pátita*, cr. 'rent,' 'ripped up'; *udara*, s. n. (1st c. 104), 'belly,' 'stomach'; -*rah*, nom. c. गतासु Bahu-vrīhi or relative (767); *gata*, cr. 'gone,' 'departed'; *asu*, s. m. (3d c. 111), 'breath,' 'life'; -*sur*, nom. c., see 65. भूतल s. n. (1st c. 104) 'the ground,' 'the earth'; -*le*, loc. c. प्रापत् 3d sing. 1st pret. Parasmai, 'he fell down,' from root *pat* (1st c.), with prep. *pra*.

अथ लुब्धकं व्यापाद्य शूकरोऽपि शरप्रहारमात्रवेदनया
 पञ्चत्वम् उपागतः । एतस्मिन् अन्तरे कश्चिद् आसन्नमृत्युः
 शृगाल इतस्ततो निराहारतया पीडितः परिभ्रमंस् तं
 प्रदेशम् आजगाम । यावद् वराहपुलिन्दौ पञ्चत्वम् उपा-
 गतौ इवपि पश्यति तावत् प्रहृष्टो व्यचिन्तयत् । भो
 अनुकूलो मे विधिः । तेनैतद् अचिन्तितं भोजनम् उप-
 स्थितं । तद् अहं तथा भक्षयामि यथा बहून्यहानि मे
 प्राणयात्रा भविष्यतीति । तत् तावद् एनं स्नायुपाशं
 धनुःकोटिगतं भक्षयामि । इत्येवं मनसा निश्चित्य स्नायुं

लुब्धक s. m. (1st c. 103) 'a hunter;' -kam, acc. c. व्यापाद्य indecl. part. (566),
 'having killed,' from causal of root *pad*, with prep. *vi* and *á*. शूकर s. m. (1st c.
 103) 'a boar,' 'a hog.' शरप्रहारमात्रवेदनया Tat-purusha or dependent com-
 pound (745); *śara*, cr. 'arrow;' *prahāra*, cr. 'wound;' *mātra*, cr. 'mere;' *vedanā*,
 s. f. (1st c. 105), 'sensation,' 'perception;' -*nayá*, instr. c. पञ्चत्व s. n. (1st c.
 104) 'death,' 'the state of return to the five elements.' उपागत past pass. part.
 (545), 'underwent,' 'went to,' from root *gam*, with prep. *upa* and *á*; see 896, 844.
 अन्तर s. n. (1st c. 104) 'interval;' -*re*, loc. c. शृगाल s. m. (1st c. 103) 'a
 jackal.' निराहारता abst. s. f. (1st c. 105 and 80. XXIII) 'the state of being
 without food;' -*tayá*, instr. c.; see 769. *a*. पीडित past pass. part. (538), 'dis-
 tressed,' from root *pīd*. परिभ्रमत् pres. part. Parasmai (524), 'wandering about,'
 from root *bhram* (1st c.), with prep. *pari*; this root is also of the 4th c., see 275;
 -*man*, nom. c., *s* added by 53. प्रदेश s. m. (1st c. 103) 'spot,' 'place,' 'region;'
 -*śam*, acc. c. वराहपुलिन्दौ Dvandva compound (751); *varāha*, cr. 'a boar,'
 'a hog;' *pulindau*, nom. du. masc. of *pulinda*. प्रहृष्ट past pass. part., used as
 adj. (1st c. 187), 'pleased,' 'delighted,' from root *hrish*, with prep. *pra*; see 539.
 व्यचिन्तयत् 3d sing. 1st pret. Parasmai, 'he reflected,' 'he thought to himself,'
 from root *chint* (10th c., see 641), with prep. *vi*, 783. अनुकूल adj. m. f. n.
 (1st c. 187) 'favourable;' -*lo*, nom. c., see 64. विधि s. m. (2d c. 110) 'destiny,'
 'fortune;' -*dhih*, nom. c., see 63. *a*. भोजन s. n. (1st c. 104) 'food;' -*nam*,
 nom. c. प्राणयात्रा Tat-purusha or genitively dependent (743); *prāṇa*, cr. 'life,'
yātrā, s. f. 'the means of going,' 'the means of supporting,' see 80. XXIV; -*trā*,
 nom. c. स्नायुपाशं Tat-purusha or genitively dependent (743); *snāyu*, cr.
 'sinew;' *pāśa*, 'string;' -*śam*, acc. c. धनुःकोटिगतं Tat-purusha or dependent
 (745); *dhannas*, cr. 'bow,' see 63; *koṭi*, cr. 'the end,' 'the point;' *gata*, see 739. *a*.
 निश्चित्य indecl. part.; see under *nir*, 783. *m*. and 560.

भक्षयितुं प्रवृत्तः । ततश्च वृटिते पाशे तालुप्रदेशं निदायं
चापकोटिर् मस्तके शिखावन् निष्क्रान्ता । सोऽपि तद्दे-
नया तत्क्षणान् मृतः ॥

वृटित past pass. part. (538), 'cut,' 'divided,' from root *truṭ* (6th c. 388. b);
-*ṭite*, loc. c., see 840. तालुप्रदेशं Tat-purusha or genitively dependent (743);
tālu, cr. 'palate;' *pradeśa*, s. m. (1st c. 103), 'region;' -*sām*, acc. c. निदायं
indecl. part. (566), 'having pierced,' 'having penetrated,' from causal of root *drī*,
with prep. *ni*. चापकोटिर् Tat-purusha or genitively dependent (743); *chāpa*,
cr. 'bow;' *koṭi*, s. f. 'point;' -*tir*, nom. c., see 65. मस्तक s. m. (1st c. 103) 'the
head;' -*ke*, loc. c. शिखावन् indecl.; *śikhā*, 'a tuft,' as of hair, &c.; *vat*, 'like,'
affix of similitude, see 724; *t* becomes *n* by 47. वेदना s. f. (1st c. 105) 'pain,'
'agony;' -*nayā*, instr. c.

SCHEME OF THE MORE COMMON SANSKRIT METRES.

1st class of Metres, consisting of two lines, determined by the number
of SYLLABLES in the half-line.

Śloka or *Anuṣṭubh* (8 syllables to the half-line or Páda).

935. THE commonest of all the infinite variety of Sanskrit metres
is the *Śloka* or *Anuṣṭubh*. This is the metre which chiefly prevails
in the great epic poems.

It consists of four half-lines of 8 syllables or two lines of 16 syllables each,
but the rules which regulate one line apply equally to the other; so that it is only
necessary to give the scheme of one line, as follows:—

1 2 3 4 5 6 7 8 || 9 10 11 12 13 14 15 16
• • • • ∪ ∪ ∪ • || • • • • ∪ — ∪ •

Note—The mark • denotes either long or short.

The 1st, 2d, 3d, 4th, 9th, 10th, 11th, and 12th syllables may be either long or
short. The 8th, as ending the half-line, and the 16th, as ending the line, are also
common. Since the line is considered as divided into two parts at the 8th
syllable, it is an universal rule that this syllable must end a word, *whether simple
or compound* *.

* There is, however, one example in the *Hitopadeśa* of a compound word
running through a whole line.

The 5th syllable ought always to be short. The 6th may be either long or short; but if long, then the 7th ought to be long also; and if short, then the 7th ought to be short also. But occasional variations from these last rules occur.

The last 4 syllables form two iambs; the 13th being always short, the 14th always long, and the 15th always short.

Every Śloka, or couplet of two lines, ought to form a complete sentence in itself, and contain both subject and predicate. Not unfrequently, however, in the Rámáyana and Mahábhárata, three lines are united to form a triplet.

936. In the remaining metres determined by the number of *syllables* in the half-line, each half-line is exactly alike; so that it is only necessary to give the scheme of one half-line, or quarter of the verse (Páda).

Note, that in printed books each quarter of the verse, if it consist of more than 8 syllables, is often made to occupy a line.

937. *Trishṭubh* (11 syllables to the half-line).

Of this there are 22 varieties. The commonest are—

938. *Indra-vajrá*, 1 2 3 4 5 6 7 8 9 10 11 ||
 — — ∪ — — ∪ ∪ — ∪ — • ||

939. *Upendra-vajrá*, 1 2 3 4 5 6 7 8 9 10 11 ||
 ∪ — ∪ — — ∪ ∪ — ∪ — • ||

There is generally a cæsura at the 5th syllable.

Note—The above 2 varieties are sometimes mixed in the same stanza; in which case the metre is called *Upajáti* or *Ákhyánakí*.

940. *Rathoddhatá*, 1 2 3 4 5 6 7 8 9 10 11 ||
 — ∪ — ∪ ∪ ∪ — ∪ — ∪ — ||

941. *Jagatí* (12 syllables to the half-line).

Of this there are 30 varieties. The commonest are—

942. *Vanśa-sthavía*, 1 2 3 4 5 6 7 8 9 10 11 12 ||
 ∪ — ∪ — — ∪ ∪ — ∪ — ∪ — †* ||

943. *Druta-vilambíta*, 1 2 3 4 5 6 7 8 9 10 11 12 ||
 ∪ ∪ ∪ — ∪ ∪ — ∪ ∪ — ∪ † ||

944. *Atijagatí* (13 syllables to the half-line).

Of this there are 16 varieties. The commonest are—

945. *Mañju-bháshiní*, 1 2 3 4 5 6 7 8 9 10 11 12 13 ||
 ∪ ∪ — ∪ — ∪ ∪ — ∪ — ∪ — † ||

946. *Praharshiní*, 1 2 3 4 5 6 7 8 9 10 11 12 13 ||
 — — — ∪ ∪ ∪ ∪ — ∪ — ∪ — † ||

947. *Ruchirá* or *Prabhávatí*, 1 2 3 4 5 6 7 8 9 10 11 12 13 ||
 ∪ — ∪ — ∪ ∪ ∪ — ∪ — ∪ — † ||

* The mark † is meant to show that the last syllable is long at the end of the half-line, but long or short at the end of the line.

948. *Śakvarī* or *Śakkarī* or *Śarkarī* (14 syllables to the half-line).

Of this there are 20 varieties. The commonest is—

949. *Vasanta-tilakā*, $\overset{1}{-} \overset{2}{-} \overset{3}{\cup} \overset{4}{-} \overset{5}{\cup} \overset{6}{\cup} \overset{7}{\cup} \overset{8}{-} \overset{9}{\cup} \overset{10}{\cup} \overset{11}{-} \overset{12}{\cup} \overset{13}{-} \overset{14}{\frac{1}{2}}$ ||

950. *Atiśakvarī* or *Atiśakkarī* or *Atiśarkarī* (15 syllables to the half-line).

Of this there are 18 varieties. The commonest is—

951. *Mālinī* or *Māninī*, $\overset{1}{\cup} \overset{2}{\cup} \overset{3}{\cup} \overset{4}{\cup} \overset{5}{\cup} \overset{6}{\cup} \overset{7}{-} \overset{8}{-} || \overset{9}{-} \overset{10}{\cup} \overset{11}{-} \overset{12}{-} \overset{13}{\cup} \overset{14}{-} \overset{15}{\frac{1}{2}}$ ||

There is a cæsure at the 8th syllable.

952. *Ashṭī* (16 syllables to the half-line).

Of this there are 12 varieties; none of which are common.

953. *Atyashṭī* (17 syllables to the half-line).

Of this there are 17 varieties. The commonest are—

954. *Śikharinī*, $\overset{1}{\cup} \overset{2}{-} \overset{3}{-} \overset{4}{-} \overset{5}{-} \overset{6}{-} || \overset{7}{\cup} \overset{8}{\cup} \overset{9}{\cup} \overset{10}{\cup} \overset{11}{\cup} \overset{12}{-} \overset{13}{-} \overset{14}{\cup} \overset{15}{\cup} \overset{16}{\cup} \overset{17}{\frac{1}{2}}$ ||

Cæsure at the 6th syllable.

955. *Mandākrántā*, $\overset{1}{-} \overset{2}{-} \overset{3}{-} \overset{4}{-} || \overset{5}{\cup} \overset{6}{\cup} \overset{7}{\cup} \overset{8}{\cup} \overset{9}{\cup} \overset{10}{-} || \overset{11}{-} \overset{12}{\cup} \overset{13}{-} \overset{14}{-} \overset{15}{\cup} \overset{16}{-} \overset{17}{\frac{1}{2}}$ ||

Cæsure at the 4th and 10th syllables.

956. *Harinī*, $\overset{1}{\cup} \overset{2}{\cup} \overset{3}{\cup} \overset{4}{\cup} \overset{5}{\cup} \overset{6}{-} || \overset{7}{-} \overset{8}{-} \overset{9}{-} \overset{10}{-} || \overset{11}{\cup} \overset{12}{-} \overset{13}{\cup} \overset{14}{\cup} \overset{15}{-} \overset{16}{\cup} \overset{17}{\frac{1}{2}}$ ||

Cæsure at the 6th and 10th syllables.

957. *Dhṛiti* (18 syllables to the half-line).

Of this there are 17 varieties; one of which is found in the *Raghu-vanśa*—

958. *Mahā-mālikā*, $\overset{1}{\cup} \overset{2}{\cup} \overset{3}{\cup} \overset{4}{\cup} \overset{5}{\cup} \overset{6}{\cup} \overset{7}{-} \overset{8}{\cup} \overset{9}{-} \overset{10}{-} \overset{11}{\cup} \overset{12}{-} \overset{13}{-} \overset{14}{\cup} \overset{15}{-} \overset{16}{-} \overset{17}{\cup} \overset{18}{\frac{1}{2}}$ ||

959. *Atidhṛiti* (19 syllables to the half-line).

Of this there are 13 varieties. The commonest is—

960. *Śārdūla-vikrīḍita*, $\overset{1}{-} \overset{2}{-} \overset{3}{-} \overset{4}{\cup} \overset{5}{\cup} \overset{6}{\cup} \overset{7}{-} \overset{8}{\cup} \overset{9}{-} \overset{10}{\cup} \overset{11}{\cup} \overset{12}{-} || \overset{13}{-} \overset{14}{\cup} \overset{15}{-} \overset{16}{-} \overset{17}{\cup} \overset{18}{-} \overset{19}{\frac{1}{2}}$ ||

Cæsure at the 12th syllable.

961. *Kṛiti* (20 syllables to the half-line).

Of this there are 4 varieties; none of which are common.

962. *Prakṛiti* (21 syllables to the half-line).

963. *Sragdharā*, $\overset{1}{-} \overset{2}{-} \overset{3}{-} \overset{4}{\cup} \overset{5}{-} \overset{6}{-} || \overset{7}{\cup} \overset{8}{\cup} \overset{9}{\cup} \overset{10}{\cup} \overset{11}{\cup} \overset{12}{\cup} \overset{13}{-} || \overset{14}{-} \overset{15}{\cup} \overset{16}{-} \overset{17}{-} \overset{18}{\cup} \overset{19}{-} \overset{20}{-} \overset{21}{\frac{1}{2}}$ ||

Cæsure at the 7th and 14th syllables.

3d class of Metres, consisting of two lines, determined by the number of FEET in the whole verse (each foot containing generally four instants or mátrás).

971. Note—Each foot is supposed to consist of four instants, and a short syllable is equivalent to one instant, a long syllable to two. Hence only such feet can be used as are equivalent to four instants; and of this kind are the dactyl (— ∪ ∪), the spondee (— —), the anapæst (∪ ∪ —), the amphibrach (∪ — ∪), and the proceleusmaticus (∪ ∪ ∪ ∪); any one of which may be employed.

Of this class of metres the commonest is the

972. *Áryá* or *Gúthá*.

Each line consists of seven and a half feet; and each foot contains four instants, excepting the 6th of the second line, which contains only one, and is therefore a single short syllable. Hence there are 30 instants in the first line, and 27 in the second. The half-foot at the end of each line is generally, but not always, a long syllable; the 6th foot of the first line must be either an amphibrach or proceleusmaticus; and the 1st, 3d, 5th, and 7th feet must not be amphibrachs. The cæsura commonly takes place at the end of the 3d foot in each line, and the measure is then sometimes called *Paṭhyá*. The following are a few examples:

$\left\{ \begin{array}{c} \overset{1}{-} - \\ \cup \cup - \end{array} \right.$	$\left\{ \begin{array}{c} \overset{2}{\cup} - \cup \\ \cup - \cup \end{array} \right.$	$\left\{ \begin{array}{c} \overset{3}{\cup} \cup - \\ \cup \cup - \end{array} \right. \parallel$	$\left\{ \begin{array}{c} \overset{4}{-} \cup \cup \\ - - \end{array} \right.$	$\left\{ \begin{array}{c} \overset{5}{-} \cup \cup \\ \cup \cup - \end{array} \right.$	$\left\{ \begin{array}{c} \overset{6}{\cup} - \cup \\ \cup \end{array} \right.$	$\left\{ \begin{array}{c} \overset{7}{-} - \\ - - \end{array} \right. \cup$
$\left\{ \begin{array}{c} \overset{1}{-} - \\ \cup \cup - \end{array} \right.$	$\left\{ \begin{array}{c} \overset{2}{\cup} - \cup \\ - \cup \cup \end{array} \right.$	$\left\{ \begin{array}{c} \overset{3}{-} - \\ \cup \cup - \end{array} \right. \parallel$	$\left\{ \begin{array}{c} \overset{4}{-} - \\ \cup - \cup \end{array} \right.$	$\left\{ \begin{array}{c} \overset{5}{-} \cup \cup \\ - - \end{array} \right.$	$\left\{ \begin{array}{c} \overset{6}{\cup} - \cup \\ \cup \end{array} \right.$	$\left\{ \begin{array}{c} \overset{7}{-} \cup \cup \\ - \cup \cup \end{array} \right. -$
$\left\{ \begin{array}{c} \overset{1}{\cup} \cup - \\ \cup \cup - \end{array} \right.$	$\left\{ \begin{array}{c} \overset{2}{-} \cup \cup \\ \cup \cup \cup \cup \end{array} \right.$	$\left\{ \begin{array}{c} \overset{3}{-} - \\ - \cup \cup \end{array} \right. \parallel$	$\left\{ \begin{array}{c} \overset{4}{\cup} \cup - \\ - - \end{array} \right.$	$\left\{ \begin{array}{c} \overset{5}{-} \cup \cup \\ \cup \cup - \end{array} \right.$	$\left\{ \begin{array}{c} \overset{6}{\cup} - \cup \\ \cup \end{array} \right.$	$\left\{ \begin{array}{c} \overset{7}{-} - \\ - - \end{array} \right. \cup$
$\left\{ \begin{array}{c} \overset{1}{-} \cup \cup \\ - - \end{array} \right.$	$\left\{ \begin{array}{c} \overset{2}{\cup} - \cup \\ \cup - \cup \end{array} \right.$	$\left\{ \begin{array}{c} \overset{3}{\cup} \cup - \\ - - \end{array} \right. \parallel$	$\left\{ \begin{array}{c} \overset{4}{-} \cup \cup \\ \cup \cup \cup \cup \end{array} \right.$	$\left\{ \begin{array}{c} \overset{5}{-} \cup \cup \\ \cup \cup - \end{array} \right.$	$\left\{ \begin{array}{c} \overset{6}{\cup} - \cup \\ \cup \end{array} \right.$	$\left\{ \begin{array}{c} \overset{7}{-} - \\ - - \end{array} \right. -$
$\left\{ \begin{array}{c} \overset{1}{-} \cup \cup \\ \cup \cup \cup \cup \end{array} \right.$	$\left\{ \begin{array}{c} \overset{2}{-} - \\ \cup \cup \cup \cup \end{array} \right.$	$\left\{ \begin{array}{c} \overset{3}{-} \cup \cup \\ - - \end{array} \right. \parallel$	$\left\{ \begin{array}{c} \overset{4}{-} - \\ - - \end{array} \right.$	$\left\{ \begin{array}{c} \overset{5}{-} - \\ \cup \cup - \end{array} \right.$	$\left\{ \begin{array}{c} \overset{6}{\cup} \cup \cup \cup \\ \cup \end{array} \right.$	$\left\{ \begin{array}{c} \overset{7}{\cup} \cup - \\ - - \end{array} \right. \cup$

973. The *Udgíti* metre only differs from the *Áryá* in inverting the lines, and placing the short line, with 27 instants, first in order.

974. There are three other varieties:—In the *Upagíti*, both lines consist of 27 instants; in the *Gíti*, both consist of 30 instants; and in the *Áryágíti*, of 32.

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 स्वसृ 'a sister,' 129. *a.*
 हन् 'to kill,' 318, 654.
 हन् 'to kill,' freq., 708.
 हरित् 'green,' 95, 136, 137.
 हविस् 'ghee,' 165.
 हा 'to quit,' 'to abandon,' 337, 655.
 हाहा 'a Gandharba,' 108. *b.*
 हि 'to send,' 378.
 हि 'for,' 914.
 हिंस् 'to injure,' 673.
 हु 'to sacrifice,' 333, 662.
 ह् 'to seize,' 593.
 ह्री 'to be ashamed,' 333. *a.*, 666. *a.*
 ह्री 'shame,' 123.
 ह्रे 'to call,' 595.

लक lka, लग lga, लद् lda, ल्य lpa, ल्व lba, लभ lbha, लम lma,
ल्य lya, लल lla, ल्व lwa, लष lsha, लह lha.

व्र vna, व्य vya, व्र vra, व्रु vva, व्र व्वा.

श्च ścha, श्न śna, श्य śya, श्र śra, श्ल śla, श्व śva. श्क shka,
श्ट श्ठा, श्त श्था, शण श्णा, शष श्पा, शम श्मा, श्य श्या, श्व श्वा.
स्क ska, सख skha, स्त sta, स्थ stha, स्न sna, स्प spa, स्फ spha,
स्म sma, स्य sya, स्र sra, स्व swa, स्स ssa. ह्ल ह्या, ह्र hra,
ह्ल hma, ह्य hya, ह्र hra, ह्ल hla, ह्व hwa.

CONJUNCTIONS OF THREE CONSONANTS.

क्कण or ककण kkaṇa*, क्कण kkaṇa, क्कण kkaṇa, क्कण kkaṇa, क्कण kkaṇa,
क्क्य kkyā, क्क्य kkyā, क्क्य kkyā, क्क्य kkyā, क्क्य kkyā, क्क्य kkyā,
क्क्य kkyā, क्क्य kkyā. ग्ग्य ggyā, ग्ग्य ggyā, ग्ग्य ggyā, ग्ग्य ggyā,
ग्य gryā, ग्ध्व gdhwa. क्क n-ka, क्क n-ka, क्क n-ka, क्क n-ka,
क्क n-ghya, क्क n-ksa.

क्क्य chchya, क्क्य chchya, क्क्य chchra, क्क्य chchwa. ज्ज jja,
ज्ज jja. ज्ज्य ṅchya, ज्ज्य ṅchya, ज्ज्य ṅchwa, ज्ज्य ṅjwa.

ट्ट्य ṭṭya. ड्ढ्य ḍḍya, ड्ढ्य ḍḍya. एट्ट्य ṇṭya, एट्ट्य ṇṭya,
एड्ड्य ṇḍya, एड्ड्य ṇḍya.

क्क tkra, न्य tnya, त्र tpra, त्र tsna, त्य tya, त्त्य tthya, त्त्य tnya,
त्र trya, त्त्य tsya, त्त ttra, त्त ttwa, त्त trwa, त्त त्स्वा tswa. द्द dya,
द्व ddhya, द्व dbhya, द्र drya, द्व dwya. ध्व dhwa, ध्व dhwa.
न्ध nddha, न्त ntna, न्त ndma, न्त ndhma, न्त ntya, न्त्य nthya,
न्ध ndya, न्त nnya, न्त ntra, न्त ndra, न्त ndhra, न्त ntwa, न्त ndwa,
न्ध ndhwa, न्त nywa, न्त ntsa.

प्स psna, प्त pya, प्त्य psya, प्त ptra, प्त pwa, प्त ptwa,
प्त plwa, प्त pswa. ब्य bya, ब्य bdhya, ब्य bbhya, ब्य bbhra,

* As in सृक्कणा from सृक्कन्.

† साध्वोः from साध्वी.

† सकप्पा from सकप्थि.

§ प्रेप्सोः from प्रेप्सु.

ब्ध *bdhwa*. भ्र *bhrya*. म्प *mpya*, म्ब *mbya*, म्ब्ल *mbla*,
म्भ *mbhya*, म्प्र *mpra*, म्भ्र *mbhra*.

र्क्ष *rksha*, र्ष *rshṭa*, र्ष *rṣṇa*, र्त *rtta*, र्द *rddha*, र्ग *rgya*,
र्घ *rghya*, र्च *rchya*, रार् *rṛya*, र्त *rtya*, र्प *rpya*, र्ब *rbba*,
र्य *ryya*, र्षा *rshṇa*, र्हा *rhma*.

ल्क्य *lkya*, ल्ग्य *lgya*, ल्प्त *lpta*, ल्प्य *lpya*.

श्च *śchya*, श्र्य *śrya*. श्य *shṭya*, श्या *shṇya*, श्र *shtra*, शृ *shṭwa*.
स्त्य *stya*, स्त्र *stra*, स्त्व *stwa*, स्त्थ *sthna*, स्थ्य *sthya*, स्न्व *snwa*.
स्य *smya*, स्य *srya*, सृ *srwa*. ह्य *hnyā*, ह्य *hnyā*, ह्य *hnyā*.

CONJUNCTIONS OF FOUR CONSONANTS.

क्त्य *ktrya*, क्श्य *kshmya*. क्क्ष *n-kshṇa*, क्क्ष्म *n-kshma**, क्क्ष्य *n-ktya*,
क्क्ष्य *n-kshya*, क्क्ष *n-ktra*, क्क्ष *n-kshwa*. क्क्ष्ण *ndrya*. त्त्य *ttrya*,
त्त्य *tsnyā*, त्त्य *tsmyā*. द्द *ddhrya*. न्त्य *ntrya*, न्त्य *ntsya*,
नस्व *ntswa*, न्द्य *ndhrya*. प्त्य *ptya*. र्क्ष्य *rkshya*, र्त्य *rttya*,
र्य *rtrya*, र्त्य *rtsya*, र्द *rddhra*. ल्त्य *lptya*, ल्प्त्स *lpsma*,
ल्प्त्य *lpsyā*. श्र्य *shṭrya*.

CONJUNCTIONS OF FIVE CONSONANTS.

क्क्ष्ण *n-kshṇwa* †, क्क्ष्य *n-ktrya* †. क्क्ष्ण *rn-kshma* ‡, क्क्ष्ण *rn-kshwa* ‡,
त्स्य *rtsnyā* ||, र्द *rddhrya*.

* चाकाङ्क्षमि Intens. of काङ्क्ष.

† दक्ष्णोः from दक्ष्ण.

‡ मङ्क्ष्योः from मङ्क्षी.

§ As in अताङ्क्षम, अताङ्क्षच, from root तृङ्.

|| As in कात्स्यं.

CORRECTIONS.

- Page 160, line 17, for form III; see 441. read form II; see 435.
P. 166, l. 2, for 681 read 682
P. 178, l. 22, for 459 read 559
P. 197, l. 13, for 316 read 317
P. 215, l. 19, for तर्पेव्य read तर्पेव्य
P. 216, l. 15, for पाषणीय read पोषणीय
Page 77, line 16, for कर्मन् read कर्म; line 17. for नामन् read नाम

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