Sanskrit Garden of Paradigms

Nominal and Verb Declensions for Students

About: Just like our home garden, we regularly attend to it. No watering, no fruits. Similarly, our Sanskrit Garden needs regular visits to master the language. Water it regularly with your attention and repetition.

Garden embodies all possible declension forms, covering both Vedic and Classic Sanskrit.

Nominal paradigms [PG1-3] are arranged alphabetically, according to the ending letter of the STEM (the word you'd look up in the dictionary). For example, nominal STEMS ending in "**a**" come first. And those ending in "**u**" come after.

MASCULINE/FEMININE/NEUTER are highlighted for quick identification.

Between PG1-3, if see something like "**nadyai /-ye**", it means the word can also take alternative form "**nadye**". Alternative forms are common in older Sanskrit literature.

This IAST version has added formatting like **bolded** and coloured letters within words. This is done to point out subtle (rule/sandhi) changes for added clarity.

Roman IAST

14th Edition

Acharya Andre

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a — gaja (MAS): Elephant | phala (NEUTER): Fruit

	sg. M	sg. N	du. M	du. N	pl. M	pl. N
NOM	gajaḥ	phalam	gajau	phale	gajāḥ	phalāni
ACC	gajam	phalam	gajau	phale	gajān	phalāni
INST	gajena	phalena	gajābhyām	phalābhyām	gajaiḥ	phalaiḥ
DAT	gajāya	phalāya	gajābhyām	phalābhyām	gajebhyaḥ	phalebhyaḥ
ABL	gajāt	phalāt	gajābhyām	phalābhyām	gajebhyaḥ	phalebhyaḥ
GEN	gajasya	phalasya	gajayoḥ	phalayoḥ	gajānām	phalānām
LOC	gaje	phale	gajayoḥ	phalayoḥ	gajeṣu	phaleṣu
VOC	gaja	phala	gajau	phale	gajāḥ	phalāni

Why Mas/Neuter in same table? Because same endings, except NOM/ACC/VOC. **1**

ā — senā (FEM): Army

	sg	du	pl
NOM	senā	sene	senāḥ
ACC	senām	sene	senāḥ
INST	senayā	senābhyām	senābhiḥ
DAT	senāyai	senābhyām	senābhyaḥ
ABL	senāyāḥ	senābhyām	senābhyaḥ
GEN	senāyāḥ	senayoḥ	senānām
LOC	senāyām	senayoḥ	senāsu
VOC	sene	sene	senāḥ

2

an — rājan (MAS): King [irreg]

	sg	du	pl
NOM	rājā	rājānau	rājānaḥ
ACC	rājānam	rājānau	rājñaḥ
INST	rājñā	rājabhyām	rājabhiḥ
DAT	rājñe	rājabhyām	rājabhyaḥ
ABL	rājñaḥ	rājabhyām	rājabhyaḥ
GEN	rājñaḥ	rājñoḥ	rājñām
LOC	rājñi/rājani	rājñoḥ	rājasu
VOC	rājan	rājānau	rājānaḥ

3

an — ātman (MAS): Self | brahman: Creator/God

	sg	du	pl
NOM	ātmā	ātmānau	ātmānaḥ
ACC	ātmānam	ātmānau	ātmanaḥ
INST	ātmanā	ātmabhyām	ātmabhiḥ
DAT	ātmane	ātmabhyām	ātmabhyaḥ
ABL	ātmanaḥ	ātmabhyām	ātmabhyaḥ
GEN	ātmanaḥ	ātmanoḥ	ātmanām
LOC	ātmani	ātmanoḥ	ātmasu
VOC	ātman	ātmānau	ātmānaḥ

4

nāman (NEUTER): Name [irreg] | karman: action | brahman: Absolute

	sg	du	pl
NOM	nāma	nāmanī /nāmnī	nāmāni
ACC	nāma	nāmanī /nāmnī	nāmāni
INST	nāmnā (karmanā)	nāmabhyām	nāmabhiḥ
DAT	nāmne (karmane)	nāmabhyām	nāmabhyaḥ
ABL	nāmnaḥ (karmaṇaḥ)	nāmabhyām	nāmabhyaḥ
GEN	nāmnaḥ (karmaṇaḥ)	nāmnoḥ (karmanoḥ)	nāmnām (karmaṇām)
LOC	nāmni/nāmani	nāmnoḥ (karmanoḥ)	nāmasu (karmasu)
VOC	nāman/nāma	nāmnī/nāmanī	nāmāni

5

as — sumanas (MAS / FEM): Benevolent | manas (NEUTER): Mind

	sg M	sg N	du M	du N	pl M	pl N
NOM	sumanāḥ	manaḥ	sumanasau	manasī	sumanasaḥ	manāṃsi
ACC	sumanasam	manaḥ	sumanasau	manasī	sumanasaḥ	manāṃsi
INST	sumanasā	manasā	sumanobhyām	manobhyām	sumanobhiḥ	manobhiḥ
DAT	sumanase	manase	sumanobhyām	manobhyām	sumanobhyaḥ	manobhyaḥ
ABL	sumanasaḥ	manasaḥ	sumanobhyām	manobhyām	sumanobhyaḥ	manobhyaḥ
GEN	sumanasaḥ	manasaḥ	sumanasoḥ	manasoḥ	sumanasām	manasām
LOC	sumanasi	manasi	sumanasoḥ	manasoḥ	sumanaḥsu	manaḥsu
VOC	sumanaḥ	manaḥ	sumanasau	manasī	sumanasaḥ	manāṃsi

6

au — nau (FEM): Ship

	sg	du	pl
NOM	nauḥ	nāvau	nāvaḥ
ACC	nāvam	nāvau	nāvaḥ
INST	nāvā	naubhyām	naubhiḥ
DAT	nāve	naubhyām	naubhyaḥ
ABL	nāvaḥ	naubhyām	naubhyaḥ
GEN	nāvaḥ	nāvoḥ	nāvām
LOC	nāvi	nāvoḥ	nauṣu
VOC	nauḥ	nāvau	nāvaḥ

7

c — vāc (FEM): Speech

	sg	du	pl
NOM	vāk	vācau	vācaḥ
ACC	vācam	vācau	vācaḥ
INST	vācā	vāgbhyām	vāgbhiḥ
DAT	vāce	vāgbhyām	vāgbhyaḥ
ABL	vācaḥ	vāgbhyām	vāgbhyaḥ
GEN	vācaḥ	vācoḥ	vācām
LOC	vāci	vācoḥ	vākṣu
VOC	vāk	vācau	vācaḥ

8

i — muni (MAS): Sage

	sg	du	pl
NOM	muniḥ	munī	munayaḥ
ACC	munim	munī	munīn
INST	muninā	munibhyām	munibhiḥ
DAT	munaye	munibhyām	munibhyaḥ
ABL	muneḥ	munibhyām	munibhyaḥ
GEN	muneḥ	munyoḥ	munīnām
LOC	munau	munyoḥ	muniṣu
VOC	mune	munī	munayaḥ

9

śruti (FEM): Scripture

	sg	du	pl
NOM	śrutiḥ	śrutī	śrutayaḥ
ACC	śrutim	śrutī	śrutīḥ
INST	śrutyā	śrutibhyām	śrutibhiḥ
DAT	śrut-yai /-aye	śrutibhyām	śrutibhyaḥ
ABL	śrut-yāḥ /-eḥ	śrutibhyām	śrutibhyaḥ
GEN	śrut-yāḥ /-eḥ	śrutyoḥ	śrutīnām
LOC	śrut-yām /-au	śrutyoḥ	śrutiṣu
VOC	śrute	śrutī	śrutayaḥ

10

śuci (NEUTER): Pure

	sg	du	pl
NOM	śuci	śucinī	śucīni
ACC	śuci	śucinī	śucīni
INST	śucinā	śucibhyām	śucibhiḥ
DAT	śucine	śucibhyām	śucibhyaḥ
ABL	śucinaḥ	śucibhyām	śucibhyaḥ
GEN	śucinaḥ	śucinoḥ	śucīnām
LOC	śucini	śucinoḥ	śuciṣu
VOC	śuci	śucinī	śucīni

11

ī — nadī (FEM): River

	sg	du	pl
NOM	nadī	nadyau /-ā	nadyaḥ
ACC	nadīm /-yam	nadyau /-ā	nadīḥ /-yaḥ
INST	nadyā	nadībhyām	nadībhiḥ
DAT	nadyai /-ye	nadībhyām	nadībhyaḥ
ABL	nadyāḥ /-aḥ	nadībhyām	nadībhyaḥ
GEN	nadyāḥ /-aḥ	nadyoḥ	nadīnām
LOC	nadyām /-i	nadyoḥ	nadīṣu
VOC	nadī /-īḥ	nadyau /-ā	nadyaḥ

12

strī (FEM): Woman [irreg]

	sg	du	pl
NOM	strī	striyau	striyaḥ
ACC	strīm/striyam	striyau	strīḥ/striyaḥ
INST	striyā	strībhyām	strībhiḥ
DAT	striyai	strībhyām	strībhyaḥ
ABL	striyāḥ	strībhyām	strībhyaḥ
GEN	striyāḥ	striyoḥ	strīṇām
LOC	striyām	striyoḥ	strīṣu
VOC	stri	striyau	striyaḥ

13

dhī (FEM): Intellect [monosyllabic]

	sg	du	pl
NOM	dhīḥ	dhiyau	dhiyaḥ
ACC	dhiyam	dhiyau	dhiyaḥ
INST	dhiyā	dhībhyām	dhībhiḥ
DAT	dhiye /yai	dhībhyām	dhībhyaḥ
ABL	dhiyaḥ /yāḥ	dhībhyām	dhībhyaḥ
GEN	dhiyaḥ /yāḥ	dhiyoḥ	dhiyām/nām
LOC	dhiyi /yām	dhiyoḥ	dhīṣu
VOC	dhīḥ	dhiyau	dhiyaḥ

14

in — hastin (MAS): Elephant | Also indicates: Possessing _. | hastinī (FEM)

	sg	sg fem	du	du fem	pl	pl fem
NOM	hastī	/-inī (fem)	hastinau	/-inyau	hastinaḥ	/-inyaḥ
ACC	hastinam	/-inīm	hastinau	/-inyau	hastinaḥ	/-inīḥ
INST	hastinā	/-inyā	hastibhyām	/-inībhyām	hastibhiḥ	/-inībhiḥ
DAT	hastine	/-inyai	hastibhyām	/-inībhyām	hastibhyaḥ	/-inībhyaḥ
ABL	hastinaḥ	/-inyāḥ	hastibhyām	/-inībhyām	hastibhyaḥ	/-inībhyaḥ
GEN	hastinaḥ	/-inyāḥ	hastinoḥ	/-inyoḥ	hastinām	/-inīnām
LOC	hastini	/-inyām	hastinoḥ	/-inyoḥ	hastiṣu	/-inīṣu
VOC	hastin	/-ini	hastinau	/-inyau	hastinaḥ	/-inyaḥ

15

dhanin (NEUTER): Rich

NOM	dhani	dhaninī	dhanīni
ACC	dhani	dhaninī	dhanīni
INST	dhaninā	dhanibhyām	dhanibhiḥ
DAT	dhanine	dhanibhyām	dhanibhyaḥ
ABL	dhaninaḥ	dhanibhyām	dhanibhyaḥ
GEN	dhaninaḥ	dhaninoḥ	dhaninām
LOC	dhanini	dhaninoḥ	dhaniṣu
VOC	dhanin /dhani	dhaninī	dhanīni 16

is — havis (NEUTER): Oblation

NOM	haviḥ	haviṣī	havīṃṣi
ACC	haviḥ	haviṣī	havīṃṣi
INST	haviṣā	havirbhyām	havirbhiḥ
DAT	haviṣe	havirbhyām	havirbhyaḥ
ABL	haviṣaḥ	havirbhyām	havirbhyaḥ
GEN	haviṣaḥ	haviṣoḥ	haviṣām
LOC	haviṣi	haviṣoḥ	haviḥṣu
VOC	haviḥ	haviṣī	havīṃṣi 17

o — go (MAS / FEM): Bull / Cow

NOM	gauḥ	gāvau	gāvaḥ
ACC	gām	gāvau	gāḥ
INST	gavā	gobhyām	gobhiḥ
DAT	gave	gobhyām	gobhyaḥ
ABL	goḥ	gobhyām	gobhyaḥ
GEN	goḥ	gavoḥ	gavām
LOC	gavi	gavoḥ	goṣu
VOC	gauḥ	gāvau	gāvaḥ 18

When/Then…

Relative Adverb	Correlative Adverb
yataḥ: from where, since, when	tataḥ: from there, therefore
yatra: where	tatra: there
yathā: in which way, just as, since, according to	tathā: in that same way, so too, so, therefore
yadā : when	tadā : then
yadi : if	tadā/tarhi : then
yasmāt : since	tasmāt : therefore

r — pitṛ (MAS): Father | bhrātṛ: Brother

NOM	pitā	pitarau	pitaraḥ
ACC	pitaram	pitarau	pitṝn /pitaraḥ
INST	pitrā	pitṛbhyām	pitṛbhiḥ
DAT	pitre	pitṛbhyām	pitṛbhyaḥ
ABL	pituḥ	pitṛbhyām	pitṛbhyaḥ
GEN	pituḥ	pitroḥ	pitṝṇām
LOC	pitari	pitroḥ	pitṛṣu
VOC	pitaḥ/r	pitarau	pitaraḥ 19

kartṛ (MAS): Maker/Creator/Doer | dātṛ: Giver | dātrī (FEM)

NOM	kartā	/-trī (fem)	kartārau	/-tryau	kartāraḥ	/-tryaḥ
ACC	kartāram	/-trīm	kartārau	/-tryau	kartṝn	/-trīḥ
INST	kartrā	/-tryā	kartṛbhyām	/-trībhyām	kartṛbhiḥ	/-trībhiḥ
DAT	kartre	/-tryai	kartṛbhyām	/-trībhyām	kartṛbhyaḥ	/-trībhyaḥ
ABL	kartuḥ	/-tryāḥ	kartṛbhyām	/-trībhyām	kartṛbhyaḥ	/-trībhyaḥ
GEN	kartuḥ	/-tryāḥ	kartroḥ	/-tryoḥ	kartṝṇām	/-trīṇām
LOC	kartari	/-tryām	kartroḥ	/-tryoḥ	kartṛṣu	/-trīṣu
VOC	kartaḥ	/-tri	kartārau	/-tryau	kartāraḥ	/-tryaḥ 20

svasṛ (FEM): Sister

NOM	svasā	svasārau	svasāraḥ
ACC	svasāram	svasārau	svasṝḥ
INST	svasrā	svasṛbhyām	svasṛbhiḥ
DAT	svasre	svasṛbhyām	svasṛbhyaḥ
ABL	svasuḥ	svasṛbhyām	svasṛbhyaḥ
GEN	svasuḥ	svasroḥ	svasṝṇām
LOC	svasari	svasroḥ	svasṛṣu
VOC	svasaḥ	svasārau	svasāraḥ 21

mātṛ (FEM): Mother

NOM	mātā	mātarau	mātaraḥ
ACC	mātaram	mātarau	mātṝḥ /mātaraḥ
INST	mātrā	mātṛbhyām	mātṛbhiḥ
DAT	mātre	mātṛbhyām	mātṛbhyaḥ
ABL	mātuḥ	mātṛbhyām	mātṛbhyaḥ
GEN	mātuḥ	mātroḥ	mātṝṇām
LOC	mātari	mātroḥ	mātṛṣu
VOC	mātaḥ	mātarau	mātaraḥ 22

t — marut (MAS): Wind | Same for (FEM) EG: cit

NOM	marut	marutau	marutaḥ
ACC	marutam	marutau	marutaḥ
INST	marutā	marudbhyām	marudbhiḥ
DAT	marute	marudbhyām	marudbhyaḥ
ABL	marutaḥ	marudbhyām	marudbhyaḥ
GEN	marutaḥ	marutoḥ	marutām
LOC	maruti	marutoḥ	marutsu
VOC	marut	marutau	marutaḥ 23

NEUTER: See #33, or PG8+

u — guru (MAS): Preceptor | hetu: Cause

NOM	guruḥ	gurū	guravaḥ
ACC	gurum	gurū	gurūn
INST	guruṇā	gurubhyām	gurubhiḥ
DAT	gurave	gurubhyām	gurubhyaḥ
ABL	guroḥ	gurubhyām	gurubhyaḥ
GEN	guroḥ	gurvoḥ	gurūṇām
LOC	gurau	gurvoḥ	guruṣu
VOC	guro	gurū	guravaḥ 24

dhenu (FEM): Cow

NOM	dhenuḥ	dhenū	dhenavaḥ
ACC	dhenum	dhenū	dhenūḥ
INST	dhenvā	dhenubhyām	dhenubhiḥ
DAT	dhenvai /-ave	dhenubhyām	dhenubhyaḥ
ABL	dhenvāḥ /-oḥ	dhenubhyām	dhenubhyaḥ
GEN	dhenvāḥ /-oḥ	dhenvoḥ	dhenūnām
LOC	dhenvām /-au	dhenvoḥ	dhenuṣu
VOC	dheno	dhenū	dhenavaḥ 25

mṛdu (NEUTER): Soft

NOM	mṛdu	mṛdunī	mṛdūni
ACC	mṛdu	mṛdunī	mṛdūni
INST	mṛdunā	mṛdubhyām	mṛdubhiḥ
DAT	mṛdune	mṛdubhyām	mṛdubhyaḥ
ABL	mṛdunaḥ	mṛdubhyām	mṛdubhyaḥ
GEN	mṛdunaḥ	mṛdunoḥ	mṛdūnām
LOC	mṛduni	mṛdunoḥ	mṛduṣu
VOC	mṛdu	mṛdunī	mṛdūni 26

ū — bhū (FEM): Earth

NOM	bhūḥ	bhuvau	bhuvaḥ
ACC	bhuvam	bhuvau	bhuvaḥ
INST	bhuvā	bhūbhyām	bhūbhiḥ
DAT	bhuve /vai	bhūbhyām	bhūbhyaḥ
ABL	bhuvaḥ /āḥ	bhūbhyām	bhūbhyaḥ
GEN	bhuvaḥ /āḥ	bhuvoḥ	bhuvām /nām
LOC	bhuvi /vām	bhuvoḥ	bhūṣu
VOC	bhūḥ /bhu	bhuvau	bhuvaḥ 27

vadhū (FEM): Woman

NOM	vadhūḥ	vadhvau /vā	vadhvaḥ
ACC	vadhūm /vam	vadhvau /vā	vadhūḥ /vaḥ
INST	vadhvā	vadhūbhyām	vadhūbhiḥ
DAT	vadhvai /ve	vadhūbhyām	vadhūbhyaḥ
ABL	vadhvāḥ /aḥ	vadhūbhyām	vadhūbhyaḥ
GEN	vadhvāḥ /aḥ	vadhvoḥ	vadhūnām
LOC	vadhvām /vi	vadhvoḥ	vadhūṣu
VOC	vadhu	vadhvau /vā	vadhvaḥ 28

us — dhanus (NEUTER): Bow

NOM	dhanuḥ	dhanuṣī	dhanūṃṣi
ACC	dhanuḥ	dhanuṣī	dhanūṃṣi
INST	dhanuṣā	dhanurbhyām	dhanurbhiḥ
DAT	dhanuṣe	dhanurbhyām	dhanurbhyaḥ
ABL	dhanuṣaḥ	dhanurbhyām	dhanurbhyaḥ
GEN	dhanuṣaḥ	dhanuṣoḥ	dhanuṣām
LOC	dhanuṣi	dhanuṣoḥ	dhanuḥṣu
VOC	dhanuḥ	dhanuṣī	dhanūṃṣi 29

Vowel Strength

Shows HOW roots are modified to form verbs/nouns.

Original Base/Weak	Guṇa Middle	Vṛddhi Strong	Corresponding Semi-vowel
a	a	ā	
ā	ā	ā	
i, ī	e	ai	y
u, ū	o	au	v
ṛ	ar	ār	r
ḷ	al	āl	l 30

vat

bhagavat (MAS): Blessed/Fortunate/Glorious | ant/vant/mant, Panini: **vat/mat**
Also indicates: Possessing ___ . | bhagavatī (FEM)

NOM	bhagavān	/-vatī (fem)	bhagavantau	/-vatyau	bhagavantaḥ	/-vatyaḥ
ACC	bhagavantam	/-vatīm	bhagavantau	/-vatyau	bhagavataḥ	/-vatīḥ
INST	bhagavatā	/-vatyā	bhagavadbhyām	/-vatībhyām	bhagavadbhiḥ	/-vatībhiḥ
DAT	bhagavate	/-vatyai	bhagavadbhyām	/-vatībhyām	bhagavadbhyaḥ	/-vatībhyaḥ
ABL	bhagavataḥ	/-vatyāḥ	bhagavadbhyām	/-vatībhyām	bhagavadbhyaḥ	/-vatībhyaḥ
GEN	bhagavataḥ	/-vatyāḥ	bhagavatoḥ	/-vatyoḥ	bhagavatām	/-vatīnām
LOC	bhagavati	/-vatyām	bhagavatoḥ	/-vatyoḥ	bhagavatsu	/-vatīṣu
VOC	bhagavan	/-vati	bhagavantau	/-vatyau	bhagavantaḥ	/-vatyaḥ

31

bhagavat (NEUTER)

NOM	bhagavat	bhagavatī	bhagavanti
ACC	bhagavat	bhagavatī	bhagavanti
INST	bhagavatā	bhagavadbhyām	bhagavadbhiḥ
DAT	bhagavate	bhagavadbhyām	bhagavadbhyaḥ
ABL	bhagavataḥ	bhagavadbhyām	bhagavadbhyaḥ
GEN	bhagavataḥ	bhagavatoḥ	bhagavatām
LOC	bhagavati	bhagavatoḥ	bhagavatsu
VOC	bhagavat	bhagavatī	bhagavanti

32

Generic

Applies to all stems whose last letter is a consonant (bha, d, dha, k, ṇ, th, p). See PG8+   **3**

	SINGLE		DUAL		PLURAL	
	M.F	**N.**	**M.F.**	**N.**	**M.F.**	**N.**
NOM	-ḥ	-	-au	-ī	-aḥ	-i
ACC	-am	-	-au	-ī	-aḥ	-i
INST	-ā	←	-bhyām	←	-bhiḥ	←
DAT	-e	←	-bhyām	←	-bhyaḥ	←
ABL	-aḥ	←	-bhyām	←	-bhyaḥ	←
GEN	-aḥ	←	-oḥ	←	-ām	←
LOC	-i	←	-oḥ	←	-su	←
VOC	-	-	-au	-ī	-aḥ	-i

33

I/We

mad/asmad: I/We

NOM	aham	āvām		vayam	/asmad
ACC	mām	/mā	āvām	/nau	asmān	/naḥ
INST	mayā	āvābhyām		asmābhiḥ	
DAT	mahyam /me	āvābhyām /nau		asmabhyam /naḥ	
ABL	mat /mattaḥ	āvābhyām		asmat /asmattaḥ	
GEN	mama /me	āvayoḥ /nau		asmākam /naḥ	
LOC	mayi	āvayoḥ		asmāsu	

34

You

tvad/yuṣmad: You

NOM	tvam	yuvām		yūyam	
ACC	tvām /tvā	yuvām /vām		yuṣmān /vaḥ	
INST	tvayā	yuvābhyām		yuṣmābhiḥ	
DAT	tubhyam /te	yuvābhyām /vām		yuṣmabhyam /vaḥ	
ABL	tvat /tvattaḥ	yuvābhyām		yuṣmat (yuṣmattaḥ)	
GEN	tava /te	yuvayoḥ /vām		yuṣmākam /vaḥ	
LOC	tvayi	yuvayoḥ		yuṣmāsu	

35

P.Adj

sarva (MAS): All | Pronominal Adj (declines like 37, 38, 39)
EXCEPTION: NEUTER (NOM/ACC, SINGLE) end in "m", except for word "anya".

NOM	sarvaḥ	sarvau	sarve
ACC	sarvam	sarvau	sarvān
INST	sarveṇa	sarvābhyām	sarvaiḥ
DAT	sarvasmai	sarvābhyām	sarvebhyaḥ
ABL	sarvasmāt	sarvābhyām	sarvebhyaḥ
GEN	sarvasya	sarvayoḥ	sarveṣām
LOC	sarvasmin	sarvayoḥ	sarveṣu

36

He/That

tad (MAS): He/That | **Other forms:** [1] 'That': asau/adas
[2] Relative: **yad** (yaḥ, yau, ye...) [3] Interrogative: **kim** (kaḥ, kau, ke...)

	REL & INTER						
NOM	Who/Which	saḥ (he/that)	asau (that)	tau	amū	te (they/them/those)	amī
ACC	Whom	tam (him/that)	amum	tau	amū	tān	amūn
INST	With/by whom	tena (with him/that)	amunā	tābhyām	amūbhyām	taiḥ	amībhiḥ
DAT	For whom	tasmai (for him/that)	amuṣmai	tābhyām	amūbhyām	tebhyaḥ	amībhyaḥ
ABL	From whom	tasmāt (from him/that)	amuṣmāt	tābhyām	amūbhyām	tebhyaḥ	amībhyaḥ
GEN	Whose	tasya (of him/his/that)	amuṣya	tayoḥ	amuyoḥ	teṣām (theirs)	amīṣām
LOC	In/on whom	tasmin (in-on him/that)	amuṣmin	tayoḥ	amuyoḥ	teṣu	amīṣu

37

She/That

tad (FEM): She/That | **Other forms:**
[1] That: asau/adas [2] Rel: **yad** [3] Inter: **kim**

NOM	sā (she/that)	asau	te	amū	tāḥ	amūḥ
ACC	tām (her/that)	amūm	te	amū	tāḥ	amūḥ
INST	tayā	amuyā	tābhyām	amūbhyām	tābhiḥ	amūbhiḥ
DAT	tasyai	amuṣyai	tābhyām	amūbhyām	tābhyaḥ	amūbhyaḥ
ABL	tasyāḥ	amuṣyāḥ	tābhyām	amūbhyām	tābhyaḥ	amūbhyaḥ
GEN	tasyāḥ (hers)	amuṣyāḥ	tayoḥ	amuyoḥ	tāsām	amūṣām
LOC	tasyām	amuṣyām	tayoḥ	amuyoḥ	tāsu	amūṣu

38

It/That

tad (NEUTER): It/That | **Other forms:**
[1] That: asau/adas [2] Rel: **yad** [3] Inter: **kim** *

NOM	tat (that/it)	adaḥ	te	amū	tāni (they/them/those)	amūni
ACC	tat	adaḥ	te	amū	tāni	amūni
INST	tena #37	tābhyām #37	taiḥ #37			
DAT	tasmai #37	tābhyām #37	tebhyaḥ #37			
ABL	tasmāt #37	tābhyām #37	tebhyaḥ #37			
GEN	tasya #37	tayoḥ #37	teṣām #37			
LOC	tasmin #37	tayoḥ #37	teṣu #37			

39

* Interrogative: NOM/ACC, SINGLE = kim (instead of kat)

This

ayam/idam (MAS): This | **Other forms:** etad, ena

NOM	ayam	eṣaḥ	imau	etau	ime	ete
ACC	imam	etam / enam	imau	etau / enau	imān	etān / enān
INST	anena	etena / enena	ābhyām	etābhyām	ebhiḥ	etaiḥ
DAT	asmai	etasmai	ābhyām	etābhyām	ebhyaḥ	etebhyaḥ
ABL	asmāt	etasmāt	ābhyām	etābhyām	ebhyaḥ	etebhyaḥ
GEN	asya	etasya	anayoḥ	etayoḥ / enayoḥ	eṣām	eteṣām
LOC	asmin	etasmin	anayoḥ	etayoḥ / enayoḥ	eṣu	eteṣu

40

iyam/idam (FEM): This | **Other forms:** etad, ena

NOM	iyam	eṣā	ime	ete	imāḥ	etāḥ
ACC	imam	etām / enām	ime	ete / ene	imāḥ	etāḥ / enāḥ
INST	anayā	etayā / enayā	ābhyām	etābhyām	ābhiḥ	etābhiḥ
DAT	asyai	etasyai	ābhyām	etābhyām	ābhyaḥ	etābhyaḥ
ABL	asyāḥ	etasyāḥ	ābhyām	etābhyām	ābhyaḥ	etābhyaḥ
GEN	asyāḥ	etasyāḥ	anayoḥ	etayoḥ / enayoḥ	āsām	etāsām
LOC	asyām	etasyām	anayoḥ	etayoḥ / enayoḥ	āsu	etāsu

41

idam (NEUTER): This | **Other forms:** etad, ena

NOM	idam	etat	ime	ete	imāni	etāni
ACC	idam	etat	ime	ete / ene	imāni	etāni / enāni
INST	anena	etena	ābhyām	etābhyām	ebhiḥ	etaiḥ
DAT	asmai	etasmai	ābhyām	etābhyām	ebhyaḥ	etebhyaḥ
ABL	asmāt	etasmāt	ābhyām	etābhyām	ebhyaḥ	etebhyaḥ
GEN	asya	etasya	anayoḥ	etayoḥ / enayoḥ	eṣām	eteṣām
LOC	asmin	etasmin	anayoḥ	etayoḥ / enayoḥ	eṣu	eteṣu

42

VERB ENDINGS: CLASS 1, 4, 6, 10

PARASMAIPADA | ĀTMANEPADA

Present

ti	taḥ	anti	te	eite	ante
si	thaḥ	tha	se	eithe	dhve
āmi	āvaḥ	āmaḥ **43**	ei	āvahe	āmahe **44**

Imperfect (laṅ)

t	tām	an	ta	eitām	anta
ḥ	tam	ta	thāḥ	eithām	dhvam
am	āva	āma **45**	ei	āvahi	āmahi **46**

Imperative (loṭ)

tu	tām	antu	tam	eitām	antām
-	tam	ta	sva	eithām	dhvam
āni	āva	āma **47**	ai	āvahai	āmahai **48**

Optative (liṅ)

eit	eitām	eiyuḥ	eita	eiyātām	eiran
eiḥ	eitam	eita	eithāḥ	eiyāthām	eidhvam
eiyam	eiva	eima **49**	eiya	eivahi	eimahi **50**

VERB ENDINGS: CLASS 2, 3, 5, 7, 8, 9

PARASMAIPADA | ĀTMANEPADA

Present

ti	taḥ	anti	te	āte	ate
si	thaḥ	tha	se	āthe	dhve
mi	vaḥ	maḥ **51**	e	vahe	mahe **52**

Imperfect

t	tām	an	ta	ātām	ata
ḥ	tam	ta	thāḥ	āthām	dhvam
am	va	ma **53**	i	vahi	mahi **54**

Imperative

tu	tām	antu	tām	ātām	atām
-hi	tam	ta	sva	āthām	dhvam
āni	āva	āma **55**	ai	āvahai	āmahai **56**

Optative

yāt	yātām	yuḥ	īta	īyātām	īran
yāḥ	yātam	yāta	īthāḥ	īyāthām	īdhvam
yām	yāva	yāma **57**	īya	īvahi	īmahi **58**

OTHER VERB ENDINGS:

PARASMAIPADA | ĀTMANEPADA

Benedictive (āśīr-liṅ)

t	stām	suḥ	s/sīṣṭa	s/sīyāstām	s/sīran
ḥ	stam	sta	s/sīṣṭhāḥ	s/sīyāsthām	s/sīdhvam
sam	sva	sma **59**	s/sīya	s/sīvahi	s/sīmahi **60**

Perfect (liṭ)

a	atuḥ	uḥ	e	āte	ire
(i)tha	athuḥ	a	(i)se	āthe	(i)dhve
a	(i)va	(i)ma **61**	e	(i)vahe	(i)mahe **62**

Periphrastic Future (luṭ) P/Ā

-	rau	raḥ
asi	sthaḥ	stha
asmi	svaḥ	smaḥ **63**

2. Except aḥ + a = o ʻ | **EG:** ramaḥ asti = ramo ʻsti
3. Doubling if preceding vowel is short. **EG:** gacchan atra = gacchannatra
4. **EG:** tān + labhasva = tāmllabhasva
5. Two options. **EG:** aśvān śobhanam = aśvāñchobhanam OR aśvāñśobhanam
6. **t** may also become **d**. **EG:** aśvāt naraḥ = aśvānnaraḥ OR aśvādnaraḥ
7. Following **h** must become **dh**. **EG:** aśvāt hastaḥ = aśvāddhastaḥ
8. Following **ś** must become **ch**. **EG:** aśvāt śobhanam = aśvācchobanam
9. _s + s_ = _ḥs_. **EG:** tamas + sthita = tamaḥsthita

MISCELLANEOUS:
- **-vowel ch-** : Then **ch** becomes **cch**. **EG:** kutra chāyā = kutracchāyā

INTERNAL SANDHI:

Vowel (except a/ā), k, r	Changes s to ṣ	Unless it's a final letter OR followed immediately by r.

EG: ni(ṣ)kāma, mok(ṣ)a

r, ṛ, ṣ	Unless [c, ch, j, jh, ñ, ṭ, ṭh, ḍ, ḍh, ṇ, t, th, d, dh, l, ś, s] comes between	Changes n to ṇ	...if followed by vowels, m, y, v, n

EG: rāme(ṇ)a, putrā(ṇ)ām, krīḍa(ṇ)am [n is saved by ḍ]

SANDHI FOOTNOTES & RULES:

1. (e/i/o/u)ḥ r-
   › If **e/o** precede ḥ, then ḥ drops + join. **EG:** muneḥ rāma = munerāma
   › If **i/u** precede ḥ, they become ī/ū + no join. **EG:** muniḥ rāma = munī rāma | guruḥ rājā = gurū rājā

   (a/e/i/o/u)r r-
   › If **e/o** precede r, then r drops + join. **EG:** muner rāma = munerāma | May also see: munerrāma
   › If **a/i/u** precede r, they become ā/ī/ū + r drops + no join. **EG:** nar rāma = nā rāma | May also see joining: nārāma

SANDHI

VOWELS (svara/akṣara)

a/ā	i/ī	u/ū	ṛ	e	ai	o	au	2nd word starts with:
-ā-	-ya-	-va-	-ra-	-e ʻ-	-ā a-	-o ʻ-	-āva-	a
-ā-	-yā-	-vā-	-rā-	-a ā-	-ā ā-	-a ā-	-āvā-	ā
-e-	-ī-	-vi-	-ri-	-a i-	-ā i-	-a i-	-āvi-	i
-e-	-ī-	-vī-	-rī-	-a ī-	-ā ī-	-a ī-	-āvī-	ī
-o-	-yu-	-ū-	-ru-	-a u-	-ā u-	-a u-	-āvu-	u
-o-	-yū-	-ū-	-rū-	-a ū-	-ā ū-	-a ū-	-āvū-	ū
-ar-	-yṛ-	-vṛ-	-ṝ-	-a ṛ-	-ā ṛ-	-a ṛ-	-āvṛ-	ṛ
-ai-	-ye-	-ve-	-re-	-a e-	-ā e-	-a e-	-āve-	e
-ai-	-yai-	-vai-	-rai-	-a ai-	-ā ai-	-a ai-	-āvai-	ai
-au-	-yo-	-vo-	-ro-	-a o-	-ā o-	-a o-	-āvo-	o
-au-	-yau-	-vau-	-rau-	-a au-	-ā au-	-a au-	-āvau-	au

VISARGA

(i/ī/u/ū/e/o)ḥ (i/ī/u/ū/e/o)r — ḥ or r becomes:	āḥ	aḥ	2nd word starts with:
-r-	-ā	-a[2]	Vowels: a, ā, i, ī, u, ū, e, ai, o, au, ṛ
-r-	-ā	-o	g/gh
-r-	-ā	-o	j/jh
-r-	-ā	-o	ḍ/ḍh
-r-	-ā	-o	d/dh
-r-	-ā	-o	b/bh
-r-	-ā	-o	n/ṇ/ṅ/ñ/m
-r-	-ā	-o	y/v
-[1]	-ā	-o	r
-r-	-ā	-o	l
-r-	-ā	-o	h
-ḥ	-āḥ	-aḥ	k/kh
-ś	-āś-	-aś-	c/ch
-ṣ	-āṣ-	-aṣ-	ṭ/ṭh
-s	-ās-	-as-	t/th
-ḥ	-āḥ	-aḥ	p/ph
-ḥ	-āḥ	-aḥ	ś
-ḥ	-āḥ	-aḥ	ṣ/s
-ḥ	-āḥ	-aḥ	end of line

CONSONANTS (vyañjana/halanta)

k	ṭ	p	ṇ	t	n	m	2nd word starts with:
-g-	-ḍ-	-b-	-ṇ/ṇṇ[3]-	-d-	-n/nn[3]-	-m-	Vowels: a, ā, i, ī, u, ū, e, ai, o, au, ṛ
-g-	-ḍ-	-b-	-ṇ-	-d-	-n-	-ṁ	g/gh
-g-	-ḍ-	-b-	-ṇ-	-j-	-ñ-	-ṁ	j/jh
-g-	-ḍ-	-b-	-ṇ-	-ḍ-	-n-	-ṁ	ḍ/ḍh
-g-	-ḍ-	-b-	-ṇ-	-d-	-n-	-ṁ	d/dh
-g-	-ḍ-	-b-	-ṇ-	-d-	-n-	-ṁ	b/bh
-ṅ-	-ṇ-	-m-	-ṇ-	-n- / -d[6]-	-n-	-ṁ	n/ṇ/ṅ/ñ/m
-g-	-ḍ-	-b-	-ṇ-	-d-	-n-	-ṁ	y/v
-g-	-ḍ-	-b-	-ṇ-	-d-	-n-	-ṁ	r
-g-	-ḍ-	-b-	-ṇ-	-l-	-ṁl[4]-	-ṁ	l
-g(gh)-	-ḍ(ḍh)-	-b(bh)-	-ṇ-	-d(dh)[7]-	-n-	-ṁ	h
-k-	-ṭ-	-p-	-ṇ-	-t-	-n-	-ṁ	k/kh
-k-	-ṭ-	-p-	-ṇ-	-c-	-ṁś-	-ṁ	c/ch
-k-	-ṭ-	-p-	-ṇ-	-ṭ-	-ṁṣ-	-ṁ	ṭ/ṭh
-k-	-ṭ-	-p-	-ṇ-	-t-	-ṁs-	-ṁ	t/th
-k-	-ṭ-	-p-	-ṇ-	-t-	-n-	-ṁ	p/ph
-k-	-ṭ-	-p-	-ṇ-	-c(ch)[8]-	-ñ(ś/ch)[5]-	-ṁ	ś
-k-	-ṭ-	-p-	-ṇ-	-t-	-n-	-ṁ	ṣ/s
-k	-ṭ	-p	-ṇ	-t	-n	-m	end of line

Voiced Consonants / Unvoiced Consonants

PRESENT INDICATIVE (laṭ) | ABOUT: Action is done now. | EG: Boy **plays**. Mother **cooks**. Father is **going**. I **am**. You **are**.

CLASS 1: Formula: ᵍᵘⁿᵃ√ + a (same formula for CLASS 6)

PARASMAIPDA			ĀTMANEPADA		
√gam 1P: Goes/Walks/Moves			**√bhāṣ 1Ā**: Speaks		
gacchati	gacchataḥ	gacchanti	bhāṣate	bhāṣete	bhāṣante
gacchasi	gacchathaḥ	gacchatha	bhāṣase	bhāṣethe	bhāṣadhve
gacchāmi	gacchāvaḥ	gacchāmaḥ	bhāṣe	bhāṣāvahe	bhāṣāmahe

CLASS 2: Formula: S: ᵍᵘⁿᵃ√ | DP: √

PARASMAIPDA									ĀTMANEPADA		
√as 2P: Is/Exists			**√han 2P**: Kills [irregular]			**√brū 2P**: Speaks [irregular]			**√ās 2Ā**: Sits		
asti	staḥ	santi	hanti	hataḥ	ghnanti	bravīti	brūtaḥ	bruvanti	āste	āsāte	āsate
asi	sthaḥ	stha	haṁsi	hathaḥ	hatha	bravīṣi	brūthaḥ	brūtha	āsse	āsāthe	ādhve
asmi	svaḥ	smaḥ	hanmi	hanvaḥ	hanmaḥ	bravīmi	brūvaḥ	brūmaḥ	āse	āsvahe	āsmahe

CLASS 3: Formula: S: redup + ᵍᵘⁿᵃ√ | DP: redup + √

PARASMAIPDA						ĀTMANEPADA		
√hu 3P: Offers			**√dhā 3U**: Places [irregular]			**√dhī 3Ā**: Thinks/Considers		
juhoti	juhutaḥ	juhvati	dadhāti	dhattaḥ	dadhati	didhīte	didhyāte	didhyate
juhoṣi	juhuthaḥ	juhutha	dadhāsi	dhatthaḥ	dhattha	didhīṣe	didhyāthe	didhīdhve
juhomi	juhuvaḥ	juhumaḥ	dadhāmi	dadhvaḥ	dadhmaḥ	didhye	didhīvahe	didhīmahe

CLASS 4: Formula: √ + ya

PARASMAIPDA			ĀTMANEPADA		
√div 4P: Plays			**√yudh 4Ā**: Fights		
dīvyati	dīvyataḥ	dīvyanti	yudhyate	yudhyete	yudhyante
dīvyasi	dīvyathaḥ	dīvyatha	yudhyase	yudhyethe	yudhyadhve
dīvyāmi	dīvyāvaḥ	dīvyāmaḥ	yudhye	yudhyāvahe	yudhyāmahe

CLASS 5: S: √ + no | DP: √ + nu

PARASMAIPDA		
√su 5U: Presses/Extracts		
sunoti	sunutaḥ	sunvanti
sunoṣi	sunuthaḥ	sunutha
sunomi	sunuvaḥ	sunumaḥ

CLASS 7: Formula: Add [S: na | DP: n] before *final const* of √

PARASMAIPDA			ĀTMANEPADA		
√yuj 7U: Unites/Joins			**√kṣud 7Ā**: Crushes		
yunakti	yuṅktaḥ	yuñjanti	kṣuntte	kṣundāte	kṣundate
yunakṣi	yuṅkthaḥ	yuṅktha	kṣuntse	kṣundāthe	kṣunddhve
yunajmi	yuñjvaḥ	yuñjmaḥ	kṣunde	kṣundvahe	kṣundmahe

CLASS 8: Formula: S: √ + o | DP: √ + u

PARASMAIPDA			ĀTMANEPADA		
√tan 8U: Stretches			**√tan 8U**: Stretches		
tanoti	tanutaḥ	tanvanti	tanute	tanvāte	tanvate
tanoṣi	tanuthaḥ	tanutha	tanuṣe	tanvāthe	tanudhve
tanomi	tanuvaḥ	tanumaḥ	tanve	tanᵘvahe	tanᵘmahe

CLASS 9: Formula: S: √ + nā | DP: √ + nī

PARASMAIPDA			ĀTMANEPADA		
√krī 9U: Purchases/Buys			**√krī 9U**: Purchases/Buys		
krīṇāti	krīṇītaḥ	krīṇanti	krīṇīte	krīṇāte	krīṇate
krīṇāsi	krīṇīthaḥ	krīṇītha	krīṇīṣe	krīṇāthe	krīṇīdhve
krīṇāmi	krīṇīvaḥ	krīṇīmaḥ	krīṇe	krīṇīvahe	krīṇīmahe

CLASS 10: Formula: ᵍᵘⁿᵃ√ + aya

PARASMAIPDA			ĀTMANEPADA		
√cur 10U: Steals			**√cur 10U**: Steals		
corayati	corayataḥ	corayanti	corayate	corayete	corayante
corayasi	corayathaḥ	corayatha	corayase	corayethe	corayadhve
corayāmi	corayāvaḥ	corayāmaḥ	coraye	corayāvahe	corayāmahe

Imperative (loṭ). A firm order. EG: *Rāma, **you must** go!* | Formula: √ + (Garden 47-48/55-56). Negated with 'mā'.

PARASMAIPDA									ĀTMANEPADA		
√gam 1P: Read!			**√as 2P**: Be!			**√hu 3P**: Offer!			**√labh 1Ā**: Obtain!		
gacchatu	gacchatām	gacchantu	astu (Let/may it be!)	stām	santu (Let them be!)	juhotu	juhutām	juhvaₙtu	labhatām	labhetām	labhantām
gaccha	gacchatam	gacchata	edhi/bhava	stam	sta	juhudhi	juhutam	juhuta	labhasva	labhethām	labhadhvam
gacchāni	gacchāva	gacchāma	asāni	asāva	asāma	juhavāni	juhavāva	juhavāma	labhai	labhāvahai	labhāmahai

Optative (liṅ/vidhiliṅ). A suggestion or gentle order. EG: *Rāma, **you should/might** go!* | Formula: √ + (Garden 49-50/57-58)

PARASMAIPDA									ĀTMANEPADA		
√gam 1P: Go [Should go]			**√as 2P**: Should be			**√su 5U**: Press [Should press]			**√labh 1Ā**: Obtain [Should obt..]			**√ās 2Ā**: Sit [Should sit]		
gacchet	gacchetām	gaccheyuḥ	syāt	syātām	syuḥ	sunuyāt	sunuyātām	sunuyuḥ	labheta	labheyātām	labheran	āsīta	āsīyātām	āsīran
gaccheḥ	gacchetam	gaccheta	syāḥ	syātam	syāta	sunuyāḥ	sunuyātam	sunuyāta	labhethāḥ	labheyāthām	labhedhvam	āsīthāḥ	āsīyāthām	āsīdhvam
gaccheyam	gaccheva	gacchema	syām	syāva	syāma	sunuyām	sunuyāva	sunuyāma	labheya	labhevahi	labhemahi	āsīya	āsīvahi	āsīmahi

Passive (karmaṇi prayoga). EG: *Book **is read** by the boy.* Formula: √ + ya + Ā (Garden 44/52)

√paṭh 1P: Read [is/are read]		
paṭhyate	paṭhyete	paṭhyante
paṭhyase	paṭhyethe	paṭhyadhve
paṭhye	paṭhyāvahe	paṭhyāmahe

Causative (ṇij). EG: *Rāma, **causes** man **to go**.* Formula: ˢᵗʳᵉⁿᵍᵗʰᵉⁿᵉᵈ√ + aya + P

√gam 1P: Go		
gamayati	gamayataḥ	gamayanti
gamayasi	gamayathaḥ	gamayatha
gamayāmi	gamayāvaḥ	gamayāmaḥ

Desiderative (san). EG: *Rāma, **desires to** go.* Formula: (Redup [replace: a, ā, ṛ, ṝ, i, ī > i]) + √ + -sa -iṣa + P/Ā

PARASMAIPDA			ĀTMANEPADA		
√gam 1P: Go			**√gam 1P**: Go		
jigamiṣati	jigamiṣataḥ	jigamiṣanti	jigamiṣate	jigamiṣete	jigamiṣante
jigamiṣasi	jigamiṣathaḥ	jigamiṣatha	jigamiṣase	jigamiṣethe	jigamiṣadhve
jigamiṣāmi	jigamiṣāvaḥ	jigamiṣāmaḥ	jigamiṣe	jigamiṣāvahe	jigamiṣāmahe

Intensive (yaṅanta). EG: *Rāma goes strongly / frequently.* Formula: (Special Reduplication) + √ + ya + Ā

√gam 1P: Go		
jaṅgamyate	jaṅgamyete	jaṅgamyante
jaṅgamyase	jaṅgamyethe	jaṅgamyadhve
jaṅgamye	jaṅgamyāvahe	jaṅgamyāmahe

PAST

Imperfect
(laṅ). **EG:** *Rāma went. I remembered. You spoke.*
Formula: a + presentSTEM + P/Ā (Garden 45-46/53-54) | * means frequently seen.

PARASMAIPDA						ĀTMANEPADA		
√gam 1P: Go [Went]			**√as 2P**: Is [Was]			**√bhāṣ 1Ā**: Speak [Spoke]		
agacchat	agacchatām	agacchan	āsīt *	āstām	āsan *	abhāṣata *	abhāṣetām	abhāṣanta *
agacchaḥ	agacchatam	agacchata	āsīḥ	āstam	āsta	abhāṣathāḥ	abhāṣethām	abhāṣadhvam
agaccham	agacchāva	agacchāma	āsam *	āsva	āsma	abhāṣe	abhāṣāvahi	abhāṣāmahi

Imperfect Passive
ABOUT: was/were __ed. | **EG:** *Book was read. Troubles were gone.*
Formula: a + √ + ya + (Garden 46)

√gam 1P: Go [Gone]		
agamyata	agamyetām	agamyanta
agamyathāḥ	agamyethām	agamyadhvam
agamye	agamyāvahi	agamyāmahi

Perfect
(liṭ). **EG:** *Rāma went. You spoke.*
Formula: redup√ + [(P: S = apply guṇa to √ | DP = leave √ alone) (Ā: SDP = leave √ alone)] + (potential ' i ') + (Garden 61, 62)

PARASMAIPDA									ĀTMANEPADA		
√tud 6U: Push [Pushed]			**√vac 2P**: Speak [Spoke]			**√as 2P**: Is [Was]			**√tud 6U**: Push [Pushed]		
tutoda	tutudatuḥ	tutuduḥ	uvāca	ūcatuḥ	ūcuḥ	āsa	āsatuḥ	āsuḥ	tutude	tutudāte	tutudire
tutoditha	tutudathuḥ	tutuda	uvaktha	ūcathuḥ	ūca	āsitha	āsathuḥ	āsa	tutudiṣe	tutudāthe	tutudidhve
tutoda	tutudiva	tutudima	uvaca	ūciva	ūcima	āsa	āsiva	āsima	tutude	tutudivahe	tutudimahe

FUTURE

Simple
(lṛṭ). **EG:** *I will read. Rāma will go. Sītā is going to cook.* | **Formula:** guṇa√ + -sya -iṣya + P/Ā (Garden 43-44)

PARASMAIPDA						ĀTMANEPADA / Future Passive (FP)		
√gam 1P: Go [Will go]			**√yuj 7U**: Unite [Will unite]			**√jñā 9U**: Know [Will know] / FP: [Will be known]		
gamiṣyati	gamiṣyataḥ	gamiṣyanti	yokṣyati	yokṣyataḥ	yokṣyanti	jñāsyate	jñāsyete	jñāsyante
gamiṣyasi	gamiṣyathaḥ	gamiṣyatha	yokṣyasi	yokṣyathaḥ	yokṣyatha	jñāsyase	jñāsyethe	jñāsyadhve
gamiṣyāmi	gamiṣyāvaḥ	gamiṣyāmaḥ	yokṣyāmi	yokṣyāvaḥ	yokṣyāmaḥ	jñāsye	jñāsyāvahe	jñāsyāmahe

Periphrastic
(luṭ). **EG:** *I will read. Rāma will go. Sītā is going to cook.*
Formula: guṇa√ + -tā -itā + (Garden 63)

√gam 1P: Go [Will go]		
gantā	gantārau	gantāraḥ
gantāsi	gantāsthaḥ	gantāstha
gantāsmi	gantāsvaḥ	gantāsmaḥ

Cardinal Numbers

eka [1]	MAS	NEUTER	FEM
NOM	ekaḥ	ekam	ekā
ACC	ekam	ekam	ekām
INST	ekena	ekena	ekayā
DAT	ekasmai	ekasmai	ekasyai
ABL	ekasmāt	ekasmāt	ekasyāḥ
GEN	ekasya	ekasya	ekasyāḥ
LOC	ekasmin	ekasmin	ekasyām

dvi [2]	MAS	NEUTER	FEM
NOM	dvau	dve	dve
ACC	dvau	dve	dve
INST	dvābhyām	dvābhyām	dvābhyām
DAT	dvābhyām	dvābhyām	dvābhyām
ABL	dvābhyām	dvābhyām	dvābhyām
GEN	dvayoḥ	dvayoḥ	dvayoḥ
LOC	dvayoḥ	dvayoḥ	dvayoḥ

tri [3]	MAS	NEUTER	FEM
NOM	trayaḥ	trīṇi	tisraḥ
ACC	trīn	trīṇi	tisraḥ
INST	tribhiḥ	tribhiḥ	tisṛbhiḥ
DAT	tribhyaḥ	tribhyaḥ	tisṛbhyaḥ
ABL	tribhyaḥ	tribhyaḥ	tisṛbhyaḥ
GEN	trayāṇām	trayāṇām	tisṛṇām
LOC	triṣu	triṣu	tisṛṣu

catur [4]	MAS	NEUTER	FEM
NOM	catvāraḥ	catvāri	catasraḥ
ACC	caturaḥ	catvāri	catasraḥ
INST	caturbhiḥ	caturbhiḥ	catasṛbhiḥ
DAT	caturbhyaḥ	caturbhyaḥ	catasṛbhyaḥ
ABL	caturbhyaḥ	caturbhyaḥ	catasṛbhyaḥ
GEN	caturṇām	caturṇām	catasṛṇām
LOC	caturṣu	caturṣu	catasṛṣu

pañca [5]	M/N/F
NOM	pañca
ACC	pañca
INST	pañcabhiḥ
DAT	pañcabhyaḥ
ABL	pañcabhyaḥ
GEN	pañcānām
LOC	pañcasu

ṣaṣ [6]	M/N/F
NOM	ṣaṭ
ACC	ṣaṭ
INST	ṣaḍbhiḥ
DAT	ṣaḍbhyaḥ
ABL	ṣaḍbhyaḥ
GEN	ṣaṇṇām
LOC	ṣaṭsu

aṣṭa [8]	M/N/F
NOM	aṣṭau / aṣṭa
ACC	aṣṭau / aṣṭa
INST	aṣṭābhiḥ / aṣṭabhiḥ
DAT	aṣṭābhyaḥ / aṣṭabhyaḥ
ABL	aṣṭābhyaḥ / aṣṭabhyaḥ
GEN	aṣṭānām
LOC	aṣṭāsu / aṣṭasu

- After 4, there's no gender difference.
- 7, 9-19 follows: *pañca*
- **Names:** [7]sapta, [9]nava, [10]daśa, [11]ekādaśa, [12]dvādaśa, [13]trayodaśa, [14]caturdaśa, [15]pañcadaśa, [16]ṣoḍaśa, [17]saptadaśa, [18]aṣṭādaśa, [19]navadaśa
- 20+ decline like nouns. **EG:** [21]ekaviṃśa (mf[ī]n). Are put in same case as noun they describe or put in GEN.

Types:
- **Numeral:** १, २, ३, ४, ५/५, ६, ७, ८, ९, ०
- **Cardinal:** one, two, three (eka, dvi, tri).
- **Ordinal:** first, second (**ADJ:** prathama, dvitīya, tṛtīya | **MF[ī]N:** caturtha (mf[ī]n) / turīya (adj), pañcama, ṣaṣṭha, saptama, aṣṭama, navama, daśama)

Verb Class Names

Class	Name	Root Name	Conjugation Sign
Class 1	bhvādiḥ	bhū	a
Class 2	adādiḥ	ad	-
Class 3	juhotyādiḥ	hu	- (Reduplication)
Class 4	divādiḥ	div	ya
Class 5	svādiḥ	su	nu
Class 6	tudādiḥ	tud	a
Class 7	rudhādiḥ	rudh	na / n
Class 8	tanādiḥ	tan	u
Class 9	krayādiḥ	krī	nā / nī
Class 10	curādiḥ	cur	aya

PARASMAIPDA

TECHNICAL FORMULA: √ + at (or rarer: **ant**) + (MN: Garden 31-32 / F: Garden 12). STEM EG: √nī 1U > nayat, √śru 5U > śṛṇvat, √muc 6U > muñcat. **SIMPLE FORMULA:** √ + below endings.

MAS Endings | For all 10 Verb Classes | EG provided for: √nī 1U > nayat (leading) & √dā 3U > dadat (giving) | C3: Applies to Class 3 only.

	Single				Dual		Plural	
NOM	-an	nayan	C3: -at	dadat	-antau	C3: -atau	-antaḥ	C3: -ataḥ
ACC	-antam	nayantam	C3: -atam	dadatam	-antau	C3: -atau	-ataḥ	C3: -ataḥ
INST	-atā	nayatā			-adbhyām		-adbhiḥ	
DAT	-ate	nayate			-adbhyām		-adbhyaḥ	
ABL	-ataḥ	nayataḥ			-adbhyām		-adbhyaḥ	
GEN	-ataḥ	nayataḥ			-atoḥ		-atām	
LOC	-ati	nayati			-atoḥ		-atsu	
VOC	-an	nayan	C3: -at		-antau	C3: -atau	-antaḥ	C3: -ataḥ

NEUTER Endings | For all 10 Verb Classes C3: Applies to Class 3 only |
🔲: Attach to end of verb class 2, 3, 5, 6(optional), 7, 8, 9.

	Single		Dual		Plural	
NOM	-at	C3: -at	-antī	🔲: -atī	-anti	C3: -ati
ACC	-at	C3: -atam	-antī	🔲: -atī	-anti	C3: -ati
INST	-atā		-adbhyām		-adbhiḥ	
DAT	-ate		-adbhyām		-adbhyaḥ	
ABL	-ataḥ		-adbhyām		-adbhyaḥ	
GEN	-ataḥ		-atoḥ		-atām	
LOC	-ati		-atoḥ		-atsu	
VOC	-at	C3: -at	-antī	🔲: -atī	-anti	C3: -ati

FEM Endings | For all 10 Verb Classes | 🔲: Attach to end of verb class 2, 3, 5, 6(optional), 7, 8, 9.

	Single		Dual		Plural	
NOM	-antī	🔲: -atī	-antyau	🔲: -atyau	-antyaḥ	🔲: -atyaḥ
ACC	-antīm	🔲: -atīm	-antyau	🔲: -atyau	-antīḥ	🔲: -atīḥ
INST	-antyā	🔲: -atyā	-antībhyām	🔲: -atībhyām	-antībhiḥ	🔲: -antībhiḥ
DAT	-antyai	🔲: -atyai	-antībhyām	🔲: -atībhyām	-antībhyaḥ	🔲: -atībhyaḥ
ABL	-antyāḥ	🔲: -atyāḥ	-antībhyām	🔲: -atībhyām	-antībhyaḥ	🔲: -atībhyaḥ
GEN	-antyāḥ	🔲: -atyāḥ	-antyoḥ	🔲: -atyoḥ	-antīnām	🔲: -atīnām
LOC	-antyām	🔲: -atyām	-antyoḥ	🔲: -atyoḥ	-antīṣu	🔲: -atīṣu
VOC	-anti	🔲: -ati	-antyau	🔲: -atyau	-antyaḥ	🔲: -atyaḥ

ĀTMANEPADA

FORMULA: Class 1, 4, 6, 10:   PRESENT STEM + māna + Garden 1, 2
Class 2, 3, 5, 7, 8, 9: PRESENT STEM + āna + Garden 1, 2

Below table shows example for 3 genders: √nī 1U > nayamāna (leading) & √su 5U > sunvāna (extracting)
| C5: Example that applies to Class 2, 3, 5, 7, 8, 9.

	Single		Dual		Plural	
NOM	M: nayamānaḥ	C5: sunvānaḥ	M: nayamānau	C5: sunvānau	M/F: nayamānāḥ	C5: sunvānāḥ
	N: nayamānam	C5: sunvānam	N/F: nayamāne	C5: sunvāne	N: nayamānāni	
	F: nayamānā	C5: sunvānā				
ACC	M/N: nayamānam	C5: sunvānam	M: nayamānau	C5: sunvānau	M: nayamānān	C5: sunvānān
	F: nayamānām	C5: sunvānām	N/F: nayamāne	C5: sunvāne	N: nayamānāni	C5: sunvānāni
					F: nayamānāḥ	C5: sunvānāḥ
INST	M/N: nayamānena	C5: sunvānena	M/N/F: nayamānābhyām		M/N: nayamānaiḥ	
	F: nayamānayā	C5: sunvānayā			F: nayamānābhiḥ	
DAT	M/N: nayamānāya	C5: sunvānāya	M/N/F: nayamānābhyām		M/N: nayamānebhyaḥ	
	F: nayamānāyai	C5: sunvānāyai			F: nayamānābhyaḥ	
ABL	M/N: nayamānāt	C5: sunvānāt	M/N/F: nayamānābhyām		MN: nayamānebhyaḥ	
	F: nayamānāyāḥ	C5: sunvānāyāḥ			nayamānābhyaḥ	
GEN	M/N: nayamānasya	C5: sunvānasya	M/N/F: nayamānayoḥ		M/N/F: nayamānānām	
	F: nayamānāyāḥ	C5: sunvānāyāḥ				
LOC	M/N: nayamāne	C5: sunvāne	M/N/F: nayamānayoḥ		M/N: nayamāneṣu	
	F: nayamānāyām	C5: sunvānāyām			F: nayamānāsu	
VOC	M/N: nayamāna	C5: sunvāna	M: nayamānau	C5: sunvānau	M/F: nayamānāḥ	C5: sunvānāḥ
	F: nayamāne	C5: sunvāne	NF: nayamāne	C5: sunvāne	N: nayamānāni	C5: sunvānāni

bh — kakubh (MAS / FEM): peak, summit | kakubh (NEUTER)

NOM	kakup	kakup	kakubhau	kakubhī	kakubhaḥ	kakumbhi
ACC	kakubham	kakup	kakubhau	kakubhī	kakubhaḥ	kakumbhi
INST	kakubhā	←	kakubbhyām	←	kakubbhiḥ	←
DAT	kakubhe		kakubbhyām		kakubbhyaḥ	←
ABL	kakubhaḥ	←	kakubbhyām		kakubbhyaḥ	←
GEN	kakubhaḥ		kakubhoḥ	←	kakubhām	←
LOC	kakubhi	←	kakubhoḥ	←	kakupsu	
VOC	kakup	kakup	kakubhau	kakubhī	kakubhaḥ	kakumbhi

d — upaniṣad (FEM): Philosophical writings

NOM	upaniṣat	upaniṣadau	upaniṣadaḥ
ACC	upaniṣadam	upaniṣadau	upaniṣadaḥ
INST	upaniṣadā	upaniṣadbhyām	upaniṣadbhiḥ
DAT	upaniṣade	upaniṣadbhyām	upaniṣadbhyaḥ
ABL	upaniṣadaḥ	upaniṣadbhyām	upaniṣadbhyaḥ
GEN	upaniṣadaḥ	upaniṣadoḥ	upaniṣadām
LOC	upaniṣadi	upaniṣadoḥ	upaniṣatsu
VOC	upaniṣat	upaniṣadau	upaniṣadaḥ

dh — samidh (MAS / FEM): igniting | samidh (NEUTER)

NOM	samit	samit	samidhau	samidhī	samidhaḥ	samindhi
ACC	samidham	samit	samidhau	samidhī	samidhaḥ	samindhi
INST	samidhā	←	samidbhyām	←	samidbhiḥ	←
DAT	samidhe		samidbhyām	←	samidbhyaḥ	←
ABL	samidhaḥ	←	samidbhyām		samidbhyaḥ	←
GEN	samidhaḥ		samidhoḥ	←	samidhām	←
LOC	samidhi		samidhoḥ	←	samitsu	←
VOC	samit	samit	samidhau	samidhī	samidhaḥ	samindhi

dh — budh (MAS / FEM): intelligent | budh (NEUTER)   [irreg]

NOM	bhut	bhut	budhau	budhī	budhaḥ	bundhi
ACC	budham	bhut	budhau	budhī	budhaḥ	bundhi
INST	budhā		bhudbhyām	←	bhudbhiḥ	←
DAT	budhe		bhudbhyām	←	bhudbhyaḥ	←
ABL	budhaḥ	←	bhudbhyām	←	bhudbhyaḥ	←
GEN	budhaḥ	←	budhoḥ	←	budhām	
LOC	budhi	←	budhoḥ	←	bhutsu	←
VOC	bhut	bhut	budhau	budhī	budhaḥ	bundhi

j — viṇij (MAS): merchant

NOM	vaṇik/g	vaṇijau	vaṇijaḥ
ACC	vaṇijam	vaṇijau	vaṇijaḥ
INST	vaṇijā	vaṇigbhyām	vaṇigbhiḥ
DAT	vaṇije	vaṇigbhyām	vaṇigbhyaḥ
ABL	vaṇijaḥ	vaṇigbhyām	vaṇigbhyaḥ
GEN	vaṇijaḥ	vaṇijoḥ	vaṇijām
LOC	vaṇiji	vaṇijoḥ	vaṇikṣu
VOC	vaṇik	vaṇijau	vaṇijaḥ

k — sarvaśak (MAS / FEM): omnipotent | sarvaśak (NEUTER)

NOM	sarvaśak	sarvaśak	sarvaśakau	sarvaśakī	sarvaśakaḥ	sarvaśaṅki
ACC	sarvaśakam	sarvaśak	sarvaśakau	sarvaśakī	sarvaśakaḥ	sarvaśaṅki
INST	sarvaśakā	←	sarvaśagbhyām	←	sarvaśagbhiḥ	←
DAT	sarvaśake	←	sarvaśagbhyām	←	sarvaśagbhyaḥ	←
ABL	sarvaśakaḥ	←	sarvaśagbhyām	←	sarvaśagbhyaḥ	←
GEN	sarvaśakaḥ	←	sarvaśakoḥ	←	sarvaśakām	←
LOC	sarvaśaki	←	sarvaśakoḥ	←	sarvaśakṣu	←
VOC	sarvaśak	sarvaśak	sarvaśakau	sarvaśakī	sarvaśakaḥ	sarvaśaṅki

ṇ — sugaṇ (MAS / FEM): guardian | sugaṇ (NEUTER)

NOM	sugaṇ	sugaṇ	sugaṇau	sugaṇī	sugaṇaḥ	sugaṇi
ACC	sugaṇam	sugaṇ	sugaṇau	sugaṇī	sugaṇaḥ	sugaṇi
INST	sugaṇā	←	sugaṇbhyām	←	sugaṇbhiḥ	←
DAT	sugaṇe	←	sugaṇbhyām	←	sugaṇbhyaḥ	←
ABL	sugaṇaḥ	←	sugaṇbhyām	←	sugaṇbhyaḥ	←
GEN	sugaṇaḥ	←	sugaṇoḥ	←	sugaṇām	←
LOC	sugaṇi	←	sugaṇoḥ	←	sugaṇsu	←
VOC	sugaṇ	sugaṇ	sugaṇau	sugaṇī	sugaṇaḥ	sugaṇi

p — gup (MAS / FEM): guardian | gup (NEUTER)

NOM	gup	gup	gupau	gupī	gupaḥ	gumpi
ACC	gupam	gup	gupau	gupī	gupaḥ	gumpi
INST	gupā	←	gubbhyām	←	gubbhiḥ	←
DAT	gupe	←	gubbhyām	←	gubbhyaḥ	←
ABL	gupaḥ	←	gubbhyām	←	gubbhyaḥ	←
GEN	gupaḥ	←	gupoḥ	←	gupām	
LOC	gupi	←	gupoḥ	←	gupsu	←
VOC	gup	gup	gupau	gupī	gupaḥ	gumpi

t — harit (NEUTER): Green

NOM	harit	haritī	harinti
ACC	harit	haritī	harinti
INST	haritā	haridbhyām	haridbhiḥ
DAT	harite	haridbhyām	haridbhyaḥ
ABL	haritaḥ	haridbhyām	haridbhyaḥ
GEN	haritaḥ	haritoḥ	haritām
LOC	hariti	haritoḥ	haritsu
VOC	harit	haritī	harinti

th — madhumath (MAS): Viṣṇu's name

NOM	madhumat	madhumathau	madhumathaḥ
ACC	madhumatham	madhumathau	madhumathaḥ
INST	madhumathā	madhumadbhyām	madhumadbhiḥ
DAT	madhumathe	madhumadbhyām	madhumadbhyaḥ
ABL	madhumathaḥ	madhumadbhyām	madhumadbhyaḥ
GEN	madhumathaḥ	madhumathoḥ	madhumathām
LOC	madhumathi	madhumathoḥ	madhumatsu
VOC	madhumat	madhumathau	madhumathaḥ