Oriya

Vowels and Diphthongs (see Note 1)

ଅ	a		ଋ	r̄
ଆ	ā		ୡ	ḷ
ଇ	i		ଏ	e
ଈ	ī		ଐ	ai
ଉ	u		ଓ	o
ଊ	ū		ଔ	au
ଋ	ṛ			

Consonants (see Note 2)

Gutturals		**Palatals**		**Cerebrals**		**Dentals**	
କ	ka	ଚ	ca	ଟ	ṭa	ତ	ta
ଖ	kha	ଛ	cha	ଠ	ṭha	ଥ	tha
ଗ	ga	ଜ	ja	ଡ	ḍa	ଦ	da
ଘ	gha	ଝ	jha	ଢ	ḍha	ଧ	dha
ଙ	ṅa	ଞ	ña	ଣ	ṇa	ନ	na

Labials		**Semivowels**		**Sibilants**		**Aspirate**	
ପ	pa	ଯ	ya	ଶ	śa	ହ	ha
ଫ	pha	ୟ	ẏa	ଷ	sha		
ବ	ba	ର	ra	ସ	sa		
ଭ	bha	ଳ	la				
ମ	ma	ଲ	ḷa				
		ଵ	ba (see Note 3)				

Anusvāra (see Note 4)		*Bisarga*		*Candrabindu (anunāsika)* (see Note 5)		*Abagraha* (see Note 6)	
ଂ	ṃ	ଃ	ḥ	ଁ	n̐, m̐	ଽ	'
							(apostrophe)

Notes

1. Only the vowel forms that appear at the beginning of a syllable are listed; the forms used for vowels following a consonant can be found in grammars; no distinction between the two is made in transliteration.

2. The vowel *a* is implicit after all consonants and consonant clusters and is supplied in transliteration, with the following exceptions:

    (a) when another vowel is indicated by its appropriate sign; and

    (b) when the absence of any vowel is indicated by the subscript sign (ˎ) called *hasanta*.

3. ଵ is used both as a labial and as a semivowel. When it occurs as the second consonant of a consonant cluster, it is transliterated *va*. When ଵ is doubled, it is transliterated *bba*.

4. Exception: *Anusvāra* is transliterated by:

    $\dot{n}$ before gutturals,

    $\bar{n}$ before palatals,

    $\d{n}$ before cerebrals,

    n before dentals, and

    m before labials.

5. *Candrabindu* before gutteral, palatal, cerebral, and dental occlusives is transliterated *n̆*. Before labials, sibilants, semivowels, the aspirate, vowels, and in final position it is transliterated *m̆*.

6. When doubled, *abagraha* is transliterated by two apostrophes (”).

SPECIAL CHARACTERS AND CHARACTER MODIFIERS IN ROMANIZATION

Special character	Name	USMARC hexadecimal code
ʼ	apostrophe	27

Character modifiers	Name	USMARC hexadecimal code
́o	acute	E2
̃o	tilde	E4
̄o	macron	E5
̇o	dot above	E7
̆o	candrabindu	EF
ọ	dot below	F2
o̥	circle below	F4