

स्वर (swara) vowels:

simple vowels		
अ, अ्र	a	but, up, cup
आ, आ्र	ā	part, father
इ	i	ink
ई	ī	feed
उ	u	put
ऊ	ū	boon
ऋ	ṛi / ru (r) ²	it is a vowel sound close to 'r' sound
ॠ	ṛī / rī (r) ²	

compound vowels		
ऌ	lri, lru	
ॡ	lṛī, lṛū	
ए, ऐ	é	base (a,ā + i,ī)
ऐ, औ	ai	bite (a,ā + é)
ओ	o	old (a,ā + u,ū)
औ	au	bounty, cloud
अं	m̐	sanskṛita
अः	ḥ	huh

व्यञ्जन (vyañjana) consonants:

(1) ka-varga or kaṅṭha (throat)		
क	ka	book
ख	kha	book-house, mikhail
ग	ga	dog
घ	gha	dog-house, aghast
ङ	ṅa	sing

(4) ta-varga or danta (dental)		
त	ta	like soft french t̥
थ	tha	thank, through
द	da	with, this
ध	dha	with his
न	na	nest

(2) cha-varga or tālavya (above the teeth)		
च	cha (ca) ²	bunch
छ	chha (cha) ²	bunch-hop
ज	ja	jump
झ, ञ	jha	page-her
ञ	ña	punjab

(5) pa-varga or oṣṭha (labial)		
प	pa	cup
फ	pha	cup-holder, not 'f'
ब	ba	club
भ	bha	abhor, club-house
म	ma	mother

(3) ṭa-varga or mūrdhanya (from palate)		
ट	ṭa	boot
ठ	ṭha	boot-house
ड	ḍa	good
ढ	ḍha	good-house
ण, रा	ṇa	fund, hunt

(6) antaḥ-stha or mixed/semi vowels		
य	ya	yes (i,ī + a,ā)
र	ra	run
ल, ल	la	love
व	wa, va	water (u,ū + a,ā) (the sound is labial, not fricative)

(7) ūṣhma (hot)		
श	sha (śa) ²	ship, (tālavya)
ष	ṣha (ṣa) ²	should (mūrdhanya)
स	sa	sun
ह	ha	hum

(8) saṃyuktā (conjugates)		
क्ष	ksha	book-shelf
त्र	tra	soft t + ra
ज्ञ	jña	jña (but also 'gya')

indigenous ³ /foreign ⁴ sounds of hindi:		
³ ड, ढ	ḍ, ḍh	hair-down (approx.) faired-house (approx.)
³ आँख	āṅkha	strong nasal (different from ṅ, ṅ, ṅ, n)
⁴ ज, फ़	z, f	zoo, fruit
⁴ क़, ख़	q, qh	hard k, kh

विसर्ग	visarga		denoted by :
अनुस्वार	anusvāra		denoted by '̣'
अनुनासिक	anu-nāsika		the fifth letter of each group: ṅ, ṅ, ṅ, n, m
स्पर्श	sparsha	touching	'k' through 'm'
अंतःस्थ	antaḥ-stha	deep seated	'y' 'r' 'l' 'v' need extra force from the belly
ऊष्म	ūṣhma	hot	'sh' 'ṣh' 's' 'h'
परुष	paruṣha	hard	1 st and 2 nd of each group ('k' 'kh' 'ch' 'chh' ...) and ūṣhma
कोमल	komala	soft	3 rd and 4 th of each group ('g' 'gh' 'j' 'jh' ...)
अल्पप्राण	alpa-prāṇa	light breath	1 st and 3 rd of each group ('k' 'g' 'ch' 'j' ...)
महाप्राण	mahā-prāṇa	heavybreath	2 nd and 4 th of each group ('kh' 'gh' 'chh' 'jh' ...)