

Section 1. Fill in the blanks (1pt per question)

Please fill in the blanks with the most appropriate technical term/description.

- ✓ 1. The English word represented by the IPA transcription [θænk] is _____
- ✓ 2. The English word represented by the IPA transcription [neɪʃn] is _____
- ✓ 3. The English word represented by the IPA transcription [pɔɪnt] is _____
- ✓ 4. The English word represented by the IPA transcription [kraʊd] is _____
- ✓ 5. The IPA transcription of the word *rich* is _____
- ✓ 6. The IPA transcription of the word *reach* is _____
- ✓ 7. The IPA transcription of the word *though* is _____
- ✓ 8. The IPA transcription of the word *but* is _____
- ✓ 9. The IPA transcription of the word *boot* is _____
- ✓ 10. A script characterized by pictures to represent words is known as a _____ writing system.

Section 2. Short Answer Questions

- ✓ 11. (10pts) With reference to voicing, place and manner of articulation, describe how the following sounds are produced after writing down the appropriate label: 1. [ŋ] 2. [k]
- ✓ 12. (10 points) Evaluate the bee dance in terms of the following design features: Arbitrariness, Discreteness and Displacement.
- ✓ 13. (10pts) Please reflect about the arrangement and ordering of consonants in the Hindi *Varnmala* (or any Indian language you happen to speak). By what principles of articulatory phonetics are they ordered/arranged?
- ✓ 14. (10 points) Examine the Canadian French data below and answer the following questions:
 - ✓ a) (5 points) State the distribution of the sounds [t] and [t^s] (a voiceless alveolar affricate).
 - ✓ b) (5 points) State with reasons whether the above sounds are the allophones of the same phoneme or whether they are allophones of distinct phonemes.
[y] and [Y] are high, front, unrounded vowels; tense and lax respectively.

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|-------------|---------|----------------|------------|
| a. [tu] | 'all' | g. [teleg्रam] | 'telegram' |
| b. [abut'i] | 'ended' | h. [tre] | 'very' |
| c. [tel] | 'such' | i. [kylt'yr] | 'culture' |
| d. [tēb] | 'stamp' | j. [minyt] | 'minute' |
| e. [t'imid] | 'timid' | k. [ty] | 'you' |
| f. [tit] | 'title' | l. [t'syb] | 'tube' |

p	b				t	d		k	g	?
	f	v	θ	ð	s	z	ʃ	ʒ		h
							tʃ	dʒ		
m					n				ŋ	
					l					
					r					
w	w					j				

