

**Section I**

Answer any three out of eight questions

Q-1) Describe the physical adaptations during evolution for the production of Speech sounds. **14**

Q-2) Write detailed notes on the following- **14**

(1) Articulatory Mechanism (2) Voicing

Q-3) Describe in detail the hearing mechanism of Human body. **14**

Q-4) Write detailed notes on the following- **14**

(1) Cochlea (2) Tympanic Membrane

Q-5) Describe the structure of Brain in detail **14**

Q-6) Write detailed notes on the following- **14**

(1) Cerebellum (2) Motor Cortex

Q-7) Describe in detail the stages of Language Development in children. **14**

Q-8) Write detailed notes on the following- **14**

(1) Crucial period for language acquisition (2) Receptive Aphasia

**Section II**

Q-9) Answer any Four of the following seven questions - **08**

1. What is Teacher's Syndrome in Voice?
2. Do we need two ears? Why?
3. What are the requirements for the production of speech sounds?
4. Is there any difference of voice between a female and a male infant? Why?
5. What is Wernicke's Area in the Brain?
6. What is Lateralization of Brain?
7. Can an individual modify one's own voice? How?

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