

MASTER OF SCIENCE (AUDIOLOGY)
M.Sc. (AUDIOLOGY) Sem-III :SUMMER- 2022
SUBJECT : SPEECH PERCEPTION

Day : Thursday
Date : 7/7/2022

S-19546-2022

Time : 10:00 AM-01:00 PM
Max. Marks : 80

N.B.

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat and labelled diagram **WHEREVER** necessary.
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Q.1 Attempt **ANY FOUR** out of the **SIX** of the following **4 × 15 = 60**

- a) Critically evaluate the passive theory of speech perception.
- b) Describe co-articulatory effects of vowels in the perception of consonants.
- c) Explain major and minor cues for place of articulation of affricates in normal hearing individuals.
- d) Explain the phenomenon of lag effect seen in dichotically presented speech sounds among normal hearing individuals.
- e) Explain the perception of suprasegmental cues in individuals with normal hearing and hearing impairment.
- f) Explain the coding mechanism of speech sounds in the auditory pathway.

Q.2 Attempt **ANY FOUR** out of the **SIX** of the following **4 × 5 = 20**

- a) In your opinion, which theory attempts to explain infant speech perception the best? Explain.
- b) Describe the significance of normalization in speech perception.
- c) Compare animal versus human perception of speech sounds.
- d) Explain the perception of music through amplification devices.
- e) Explain the stages of memory and their significance in speech perception.
- f) Discuss various electrophysiological methods to study speech perception.

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