

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[AHS 1023]**

**OCTOBER 2023**

**Sub. Code: 2823**

**M.Sc. AUDIOLOGY  
THIRD SEMESTER (From 2021-2022 onwards)  
PAPER III – SPEECH PERCEPTION**

*Q.P. Code: 282823*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2x20=40)**

1. Explain coding of speech in the auditory pathway.
2. Explain the perception of segmental and suprasegmental cues in persons with hearing impairment.

**II. Write notes on:**

**(10x6=60)**

1. Categorical and continuous speech perception.
2. Normalization in speech perception.
3. Auditory theory of speech perception.
4. Dual stream theory of speech perception.
5. Major and minor cues to identify place, manner and voicing features of stops in normal hearing individuals.
6. Major and minor cues to identify place, manner and voicing features of affricates in normal hearing individuals.
7. Perception of vowels through implantable devices.
8. Stages of memory.
9. Role of short-term memory in the perception of consonants and vowels.
10. Testing of dichotic listening and its clinical significance.

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