

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.

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

[AHS 0524]

MAY 2024

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 the effects of coarticulation on speech perception.
2. Explain perception of music through amplification and implantable devices.

II. Write notes on:

(10x6=60)

1. Acoustic theory of speech perception.
2. Role of cognition in speech perception.
3. Motor theory of speech perception.
4. Major and minor cues in the perception of vowels in normal hearing individuals.
5. Major and minor cues to identify place, manner and voicing features of fricatives in normal hearing individuals.
6. Perception of vowels through amplification devices.
7. Perception of consonants through implantable devices.
8. Dual coding model of short-term memory.
9. Physiological bases of Dichotic listening.
10. Perception of consonants and vowels in infants.

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

[AHS 0525]

MAY 2025

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. Describe in detail the basic concepts of speech perception.
2. Explain in detail perception of segmental and suprasegmental cues in person with hearing impairment.

II. Write short notes on:

(10x6=60)

1. Perception of consonants in person with hearing impairment.
2. Define categorical speech perception and explain the concept.
3. Motor theory of speech perception.
4. Factors influencing dichotic perception.
5. Effects of co articulation on speech perception.
6. Role of short-term memory in perception of vowels.
7. Difference between speech perception in animals Vs humans.
8. Explain the different stages of memory and coding in speech perception.
9. Attunement theory of infant speech perception.
10. Explain testing of dichotic listening and clinical significance.
