

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

**[AHS 0523]**

**MAY 2023**

**Sub. Code: 2812**

**M.Sc. AUDIOLOGY DEGREE EXAMINATION  
SECOND SEMESTER (From 2021-2022 onwards)  
PAPER II – AUDITORY DISORDERS**

***Q.P. Code: 282812***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Describe the Congenital malformations of the external and middle ear.
2. Explain the Pathophysiology and audiological findings in Inner ear disorders.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Management options for space occupying lesion.
2. International guidelines for Hearing conservation.
3. Detail the principle and application of acoustic reflexometry.
4. Otitis Externa.
5. Challenges in the diagnosis of space occupying lesion.
6. Otosclerosis.
7. Management of persons with ANSD.
8. Non-suppurative otitis media.
9. Pathophysiology and clinical findings in Acoustic Neuroma.
10. Speech perception in ANSD.

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

**[AHS 1023]**

**OCTOBER 2023**

**Sub. Code: 2812**

**M.Sc. AUDIOLOGY  
SECOND SEMESTER (From 2021-2022 onwards)  
PAPER II – AUDITORY DISORDERS**

***Q.P. Code: 282812***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Explain in detail the Diseases of the external ear.
2. Describe the Pathophysiology, Etiology and Audio logical profile of persons with ANSD.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Reconstruction of middle ear hearing mechanisms.
2. Hearing loss due to systemic diseases.
3. Multi component and Multi frequency tympanometry.
4. Ototoxicity.
5. Radiological findings in space occupying lesions.
6. Acoustic neuroma.
7. National guidelines for hearing conservation.
8. Complications of middle ear disease.
9. Management options for space occupying lesions.
10. Pathophysiology in Noise induced hearing loss.

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

**[AHS 1024]**

**OCTOBER 2024**

**Sub. Code: 2812**

**M.Sc. AUDIOLOGY  
SECOND SEMESTER (From 2021-2022 onwards)  
PAPER II – AUDITORY DISORDERS**

***Q.P. Code: 282812***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Discuss the pathophysiology and audiological finding in individual with sudden sensorineural hearing loss.
2. Discuss the need for non-audiological tests in the test battery for auditory diagnosis.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Cochlear dead region and audiological findings.
2. Hearing conservation – National guideline.
3. Pathophysiology of menier's disease.
4. Challenges in the diagnosis of space occupying lesion.
5. Hearing loss due to systemic diseases.
6. Non-suppurative otitis media and audiological profile.
7. Multi component and Multi frequency tympanometry in different middle ear disorders.
8. Reconstruction of middle ear hearing mechanisms.
9. Diseases of the external ear.
10. Different site of stapedial otosclerosis with the neat diagram.

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