

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

[AHS 1023]

OCTOBER 2023

Sub. Code: 2825

M.Sc. AUDIOLOGY
THIRD SEMESTER (From 2021-2022 onwards)
PAPER V – VESTIBULAR SYSTEM & ITS DISORDERS

Q.P. Code: 282825

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2x20=40)

1. Central Vestibular disorders.
2. Vestibular disorders in children.

II. Write notes on:

(10x6=60)

1. Anatomy of peripheral vestibular system with diagram.
2. Counselling for vestibular pathology.
3. Pathophysiology of Perilymph fistula.
4. Pathophysiology of Auditory neuropathy spectrum disorders.
5. Vestibular schwannomas.
6. Principles of cVEMP, oVEMP.
7. Vestibulo spinal reflex with diagram.
8. Dynamic Posturography.
9. Benign paroxysmal positional vertigo.
10. Sclera Coil search test.

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[AHS 0524]

MAY 2024

Sub. Code: 2825

**M.Sc. AUDIOLOGY
THIRD SEMESTER (From 2021-2022 onwards)
PAPER V – VESTIBULAR SYSTEM & ITS DISORDERS**

Q.P. Code: 282825

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2x20=40)

1. Vestibular rehabilitation:
 - a. Repositioning Maneuvers.
 - b. Adaptation Exercises.
 - c. Habituation Exercises.

2. Physiology of peripheral vestibular systems.

II. Write notes on:

(10x6=60)

1. Medical management for persons with vestibular disorders.
2. Special considerations for rehabilitation of children with vestibular problems.
3. Audio Vestibular Test Battery for Meniere's disease.
4. Pathophysiology of vestibular neuropathy.
5. Questionnaires to assess quality of life in persons with vertigo.
6. What are the other systems involved in maintenance of balance?
7. Screening for vestibular disorders.
8. Craniocorpography.
9. Vestibulo colic reflex.
10. Vestibular neuritis.

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MAY 2025

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THIRD SEMESTER (From 2021-2022 onwards)
PAPER V – VESTIBULAR SYSTEM & ITS DISORDERS

Q.P. Code: 282825

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2x20=40)

1. Describe the anatomy and physiology of peripheral vestibular system in detail with diagrams.
2. Explain the principles and techniques involved in recording eye movements using videonystagmography. Elaborate on test battery involved in videonystagmography and interpret the test results.

II. Write notes on:

(10x6=60)

1. Vestibulocollic reflex pathway.
2. Visual system and its role in balance.
3. Screening tests for vestibuloocular reflex.
4. Dizziness handicapped inventory.
5. Vestibulo-basilar insufficiency.
6. Auditory neuropathy spectrum disorder.
7. Auditory vestibular profile in Vestibular schwannoma.
8. Canal repositioning Maneuvers.
9. Surgical management of vestibular disorders.
10. Adaptation exercises.
