

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

[AHS 0523]

MAY 2023

Sub. Code: 1634

**M.OPTOM
SECOND YEAR (From 2020-2021 onwards)
PAPER IV – VISION THERAPY**

Q.P. Code: 281634

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Types of oculomotor dysfunction. Mention tests to diagnosis and elaborate on sequential management.
2. Discuss on the types of developmental and motor disabilities with its management.

II. Write Short Notes on:

(10x6 = 60)

1. List and explain on non-comitant deviations.
2. Discuss on Visually induced balance disorders and the relationship between the visual and vestibular systems.
3. Explain the types of rehabilitative therapies of peripheral awareness.
4. Tests for visual processing disorders.
5. What is visual perceptual midline? Mention the tests and management.
6. List the options for myopia control.
7. Role of vision therapy in amblyopia.
8. Discuss the clinical features and sequential management of accommodative esotropia.
9. Explain the different techniques of vision therapy for convergence training.
10. A 6 year old girl was referred with a complaint of intermittent outward deviation. The visual acuity was 6/6 in both the eyes. Alternate cover test revealed intermittent divergent squint with slow recovery with the angle of deviation measuring 35 Prism diopter at distance and 10 prism diopter at near. Following a patch test, she measured 35 PD at distance and 15 PD at near.
 - a. What are the further tests to be documented?
 - b. Diagnosis and Tentative diagnosis of this case.
