

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

[AHS 1022]

**OCTOBER 2022**

**Sub. Code: 1634**

**M.OPTOM**  
**SECOND YEAR (From 2018-2019 & 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. Discuss on the types of Amblyopia. Elaborate on the tests to diagnose and sequential management. Also mention the various treatment studies followed for Amblyopia.
2. Explain the options of peripheral awareness with development, prevention and rehabilitation protocols.

**II. Write Short Notes on:**

**(10x6 = 60)**

1. Explain the different phases of vision therapy for patients with convergence insufficiency.
2. Explain the different types of intermittent divergent squint and discuss the PEDIG IXT and New castle score.
3. Discuss the types and clinical features of Duane's syndrome.
4. Discuss the clinical features of Infantile Esotropia.
5. Explain the impact of colored filters in rehabilitation.
6. Explain fixation disparity and discuss the types of curve.
7. Discuss the different types of anomalous retinal correspondence with examples.
8. Role of vision therapy in motor disabilities.
9. Discuss on types of saccadic dysfunctions and management.
10. A 25-year-old male came with a complaint of sudden onset of vertical diplopia for both distance and near. He gave a history of mild head injury hit against the door. On examination his BCVA was 6/6: N6 in both the eyes. Cover test showed R/L for distance and near and patient adopts left head tilt on observation. He also complaints of diplopia increasing with left face turn.
  - a. What are the further tests to be documented?
  - b. Diagnosis and Tentative diagnosis of this case.

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