

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

[AHS 1023]

**OCTOBER 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. Discuss the following developmental disabilities in detail:
  - a. Down's syndrome.
  - b. Autism spectrum disorders.
  - c. Attention Deficit Hyperactivity Disorder (ADHD).
2. Explain the different types of Exotropia, signs, differential diagnosis and sequential management of each type.

**II. Write Short Notes on:**

**(10x6 = 60)**

1. Role of coloured Overlays and filters as a rehabilitation measure.
2. What are the different phases of vision therapy for patients with Oculomotor dysfunction?
3. Discuss the pathophysiology of different forms of Acquired brain Injury.
4. What is behavioural Optometry and discuss the concepts of behavioural lenses and prisms.
5. Discuss in detail about the following test:
  - a. Diplopia Charting.
  - b. Hess Charting.
  - c. Forced duction tests.
6. Discuss the relationship between speech and auditory to vision.
7. Discuss the role of accommodation in computer related asthenopia.
8. What is monofixation syndrome or Microtropia? List the tests to diagnose the condition.
9. What is Disruptive therapy and discuss the types of therapy.
10. What are the different methods for the measurement of Eccentric fixation and suppression? Explain in detail.

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