

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

[AHS 1023]

OCTOBER 2023

Sub. Code: 1625

**M.OPTOM
FIRST YEAR (From 2020-2021 onwards)
PAPER V – LOW VISION CARE AND GERIATRIC OPTOMETRY**

Q.P. Code: 281625

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Write about structural and physiological changes of an ageing eye.
2. Define blindness. Enumerate the causes of preventable blindness in India and the measures that can be taken to prevent it.

II. Write Short Notes on:

(10x6 = 60)

1. How does diabetes cause vision impairment?
2. Field expanders.
3. Low vision associated with nystagmus and its management.
4. Role of virtual reality in training low vision patients.
5. The three classical psychophysical methods.
6. Ageing changes in the retina.
7. Different types of telescopes.
8. Amsler's Grid Test.
9. What are the factors to be kept in mind while prescribing low vision aids to a pediatric patient?
10. Dual Vision and hearing impairment.
