

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

[AHS 0122]

JANUARY 2022

Sub. Code: 1532

(FEBRUARY 2021 & AUGUST 2021 EXAM SESSION)

DIPLOMA IN OPTOMETRY TECHNOLOGY

FIRST YEAR (Regulation 2014-2015 & 2018-2019)

**PAPER II – OCULAR DISEASES I, VISUAL OPTICS, REFRACTIVE ERRORS,
COMMUNITY OPHTHALMOLOGY, MEDICAL RECORDS**

Q.P. Code : 841532

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Write in detail about the common diseases of the eyelid.
2. Write in detail about cataract, types and management.
3. Write in detail about hypermetropia including classification, signs, symptoms and management.

II. Write notes on:

(10 x 5 = 50)

1. Corneal endothelial dystrophies
2. Laws of reflection
3. Corneal dystrophies
4. Anomalies of accommodation
5. Differentiate real and virtual images
6. Types of prisms and their uses
7. Role of camps in blindness prevention
8. Determination of add in presbyopia, with example
9. Properties of light
10. Causes of dislocation of lens

III. Short answers on:

(10 x 2 = 20)

1. Pseudomyopia
2. Types of intraocular lens
3. Define legal blindness
4. Electromagnetic spectrum
5. Medical record retention policy
6. Expand NPCBVI
7. Image formation by a prism
8. YAG capsulotomy
9. Convergence insufficiency
10. Critical period in amblyopia
