

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

**(DO 0522)**

**MAY 2022**

**Sub. Code: 3108**

**DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION**

**APPLIED BASIC SCIENCES IN OPHTHALMOLOGY INCLUDING  
MICROBIOLOGY, ANATOMY, PHYSIOLOGY AND  
PATHOLOGY OF THE EYE**

*Q.P. Code: 353108*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe in detail the corneal structure and how transparency maintained?  
Factors contributing its transparency?
2. Write in detail about electro retinogram and electro oculogram and its uses.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Test for Chronic Dacryocystitis.
2. Vonicorazole – MOA, routes and uses.
3. Dalen fuch's NODULE.
4. Topical NSAID.
5. Morax axen balillus.
6. Retro virus.
7. Anatomy of ciliary body.
8. Physiology of binocular vision.
9. Central retinal artery.
10. Siderosis bulbi.

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