

(LE 1565)

APRIL 2014

Sub. Code:3108

**DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION**

**OPHTHALMOLOGY INCLUDING MICROBIOLOGY, ANATOMY,  
PHYSIOLOGY AND PATHOLOGY OF THE EYE**

*Q.P.Code: 353108*

**Time: Three Hours**

**Maximum: 100 marks**

**I. Elaborate on:**

**(2X15=30)**

1. Describe the anatomy of the crystalline lens. Discuss the biochemical changes in the lens leading to Cataract formation.
2. Describe the maintenance of Corneal Transparency.

**II. Write notes on:**

**(10X7=70)**

1. Anatomy of Retina.
2. AIDS Viruses.
3. Theories of Accommodation.
4. Microbiological Laboratory Diagnosis of Varicella Zoster Virus.
5. Steroids in Ophthalmology-Indications and Side effects.
6. Electrooculogram.
7. Rhabdomyosarcoma of the eye.
8. Vitreous Substitutes.
9. Corneal graft rejections.
10. Cysticercus.

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