

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. Write in detail the pupillary reflexes and its anomalies.
2. Discuss the corneal physiology and mechanism of its transparency.

II. Write notes on:

(10 x 7 = 70)

1. Pseudomonas.
2. Cysticercosis.
3. Electro Retinogram.
4. Atropine in Ophthalmology.
5. Origin, insertion, Nerve supply of Levator palpebrae superioris.
6. Histopathology of Rhabdomyosarcoma of the eye.
7. Microbiology, Laboratory Diagnosis of varicella zoster virus.
8. Antifungal agents.
9. Photochemistry of vision.
10. Dalen Fuch's nodules.
