

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. Anatomy of Optic chiasma and applied anatomy.
2. Explain the physiology of convergence mechanism.

II. Write notes on:

(10 x 7 = 70)

1. Orbital apex Syndrome.
2. Visual Field defects in occipital cortex
3. Antimetabolites.
4. Acanthamoeba.
5. Viscoelastic agents.
6. Cysticercosis.
7. Sorbitol pathway.
8. Pathology of Basal cell carcinoma.
9. Pathology of malignant melanoma.
10. Biochemistry of vitreous.
