

(LK 1565)

MAY 2017

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. The anatomy and functions of the extra ocular muscles of the eye and applied anatomy.
2. Discuss the lens metabolism.

II. Write notes on:

(10 x 7 = 70)

1. Pathology of retinoblastoma.
2. Rhodopsin cycle.
3. Antiviral drugs.
4. Anatomy of the cornea.
5. Blood supply to the optic nerve.
6. Light reflex and its pathway.
7. Parasitic infestation in the eye.
8. Antiviral drugs.
9. Drugs used in cataract surgery and its action.
10. Binocular single vision.
