

(LJ 1565)

OCTOBER 2016

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 the Anatomy of Retina and add a note on the applied anatomy.
2. Discuss the Sterilization steps to be taken to prevent endophthalmitis in Intra Ocular procedures.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Pathology of Lid Tumours.
2. Drugs used in glaucoma.
3. Occipital cortex.
4. Hydatid cyst – infestation in the eye.
5. Antimetabolites in Ophthalmology.
6. Genetic counseling in eye disease.
7. Superior orbital fissure.
8. Microorganisms causing membranous conjunctivitis.
9. Pathology of follicles and causes for follicular conjunctivitis.
10. Mydriatic Drugs and cycloplegic drugs.

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