

[LS 1565]

NOVEMBER 2020  
(OCTOBER 2020 SESSION)

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. Write in detail about anatomy of optic nerve, its blood supply and arrangement of nerve fibres.
2. Define binocular single vision. Write in detail about the grades of BSV and tests of BSV.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Antiviral drugs.
2. Gram negative bacteria.
3. Electro oculogram
4. Carbonic anhydrase Inhibitors.
5. Lacrimal pump mechanism.
6. Levator palpebrae superioris
7. Mydriatics in ophthalmology
8. Blood supply and nerve supply of extra ocular muscles
9. Biochemical composition of vitreous
10. Pathology of malignant melanoma.

\*\*\*\*\*