

[LQ 1565]

AUGUST 2020
(MAY 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. Describe in detail the physiology of aqueous humor formation and its outflow.
2. Write in detail about the anatomy of visual pathway, its blood supply and lesions of visual pathway

II. Write notes on:

(10 x 7 = 70)

1. Schirmer's test
2. Blood retinal barrier
3. Circle of Willis
4. Acanthamoeba.
5. Contrast sensitivity.
6. Visual cycle.
7. Dyes in ophthalmology
8. Metabolism of cornea
9. Recent drugs in treatment of glaucoma
10. Pathology of thyroid orbitopathy.
