

**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. Discuss the physiology of accommodation and anomalies of accommodation.
2. Discuss the anatomy of bony orbit. Add a note on blow-out fracture of orbital floor.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Angle of anterior chamber.
2. Parasympatholytic drugs.
3. Polymerase chain reaction.
4. Theories of colour vision.
5. Biochemistry of tears.
6. Hypersensitivity in the Eye.
7. Gram's Staining.
8. Imidazoles.
9. Types of charts used in children for vision test.
10. Pathology of Retinoblastoma.

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