

D.O. Examination**Paper I****Anatomy, Embryology & Physiology of Eye Optics****Date : 01-04-2019, Monday]****[Max. Marks : 100****Time : 3 Hours]**

- Instructions :** (1) Answer to the point.
(2) Figure to the right indicate marks.
(3) Write legibly.
(4) Draw diagrams wherever necessary.

Q1: Describe the development, anatomy and physiology of Crystalline lens.(20)

Q2: Describe the visual pathways. Highlight the visual field defects produced by lesions at different levels.(20)

Q3: Write short notes on (10x2)
A: Uses of prisms in Ophthalmology.
B: Indirect Ophthalmoscopy.

Q4: Write short notes on (10x2)
A: Limbal stem cells.
B: Tear film.

Q5: Write short notes on (10x2)
A: Stereopsis.
B: Orbital spaces and their clinical importance.

D.O. Examination

Paper II

Ophthalmic Medicine & Surgery, General Medicine

Date : 03-04-2019, Wednesday]

Time : 3 Hours]

[Max. Marks : 100

- Instructions :** (1) Answer to the point.
(2) Figure to the right indicate marks.
(3) Write legibly.
(4) Draw diagrams wherever necessary.

Q1: Describe the pathogenesis and management of primary open angle glaucoma.(20)

Q2: Discuss the etiology, clinical features and management of a case of central retinal vein occlusion.(20)

Q3: Write short notes on (10x2)

A:Scleritis.

B:Blow out fracture of the orbit.

Q4: Write short notes on (10x2)

A: Malignant glaucoma.

B:Neurotrophic keratitis.

Q5: Write short notes on (10x2)

A:Toric Intraocular lens.

B:Laser in Cataract surgery.

D.O. Examination

Paper III

Pathology Hist. & Bact. in Ophthalmology

Date : 05-04-2019, Friday]

Time : 3 Hours]

[Max. Marks : 100

- Instructions :**
- (1) Answer to the point.
 - (2) Figure to the right indicate marks.
 - (3) Write legibly.
 - (4) Draw diagrams wherever necessary.

Q1: Describe the Ocular manifestations of Leprosy.(20)

Q2: Describe the Pathology , clinical features and management of a case of Retinoblastoma .(20)

Q3: Write short notes on (10x2)

A: Graft rejection.

B: Toxic optic neuropathy.

Q4: Write short notes on (10x2)

A: Adenoviral Keratoconjunctivitis.

B: Orbital cellulitis.

Q5: Write short notes on (10x2)

A: Toxoplasma retinochoroiditis.

B: Herpes zoster ophthalmicus.
