

MS[Ophthalmology]

BF/2009/05

Anatomy & Physiology including Optics of the Eye [Paper-I]

Time : 3 Hours

M.M.: 100

Note: Attempt all questions.

1. Draw a labelled diagram of superior Orbital fissure. Describe its clinical significance. [20]
2. Describe anatomy of Retinal and discuss the functions of Retinal pigment Epithelium. [20]
3. Describe mechanism of Aqueous formation, circulation and drainage. [20]
4. Discuss Electrophysiology of Eye. [20]
5. **Write short notes on:**
 - a. Low vision Aids. [10]
 - b. Newer Intra Ocular Lenses. [10]

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General Ophthalmology including Pathology of the Eye [Paper-II]

Time : 3 Hours

M.M.: 100

Note: Attempt all questions.

1. Discuss the etiopathogenesis, clinical features and management of P.O.A.G.? [30]

2. Describe the etiopathology, clinical features and management strategies of Subfoveal Choroidal Neovascularization? [30]

3. **Write briefly on:** [40]
 - a. Toxic Anterior Segment Syndrome [TASS].
 - b. E β i - LASIK.
 - c. Electro Retinography [ERG]
 - d. Sympathetic Ophthalmitis.

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Ophthalmic Medicine

[Paper-III]

Time : 3 Hours

M.M.: 100

Note: Attempt all questions.

1. Describe etiology, clinical features, prevention and management of Xerophthalmia. [25]
2. Describe pathogenesis, clinical features and management of Diabetic retinopathy. [25]
3. **Write briefly on:** [50]
 - a. Photopsia.
 - b. Traumatic glaucoma.
 - c. Marcus Gunn Pupil
 - d. Ocular Mysthenia.

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Surgery and recent advances in Ophthalmology

[Paper-IV]

Time : 3 Hours

M.M.: 100

Note: Attempt all questions.

1. Write surgical management of Ocular surface disorders. [25]
2. Write principles and technique of Ptosis surgery. [25]
3. **Write in brief:** [30]
 - a. Dynamic contour Tonometry.
 - b. Posterior Capsular Opacification and its prevention.
4. **Write in brief:** [20]
 - a. Complications of Laser assisted procedures to correct Ametropia.
 - b. Advances in the management of Presbyopia.
