

# 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 $\beta$ 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.

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