

D.O.M.S.
[Diploma in Ophthalmic Medicine and
Surgery]

BF/2009/05

Basic Sciences as related to Ophthalmology
[Paper-I]

M.M. : 100

Time : 3 Hours

Note : Attempt all questions.

1. Discuss Hering's, Sherrington's laws of Ocular motility and their clinical application. [20]

2. Describe with a diagram the anatomy of Upper Lid and discuss the aetiopathogenesis of Ptosis. [20]

3. Discuss with a diagram the arrangement of NFL of retina and its role in the causation of various field defects. [20]

4. **Write short notes on:**
 - a. Optics of Indirect ophthalmoscopy and its role in the diagnosis of various peripheral retinal disorder. [10]
 - b. Soft contact lens fitting. [10]

5. **Discuss briefly:**
 - a. Role of FFA in the diagnosis of Macular disorders. [10]
 - b. Vital stains of Cornea and Conjunctiva. [10]

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Ocular Physiology and Anatomy, Medical and
General Ophthalmology including Surgery
[Paper-II]

M.M. : 100

Time : 3 Hours

Note : Attempt all questions.

1. **Describe:**
 - a. Anatomy of Lacrimal system. [10]
 - b. Anatomy of eye Lid. [10]

2. **Describe:**
 - a. Mechanism of Accommodation. [10]
 - b. Maintenance of Corneal Transparency. [10]

3. Discuss etiopathogenesis, clinical features and management of THYROID OPHTHALMOPATHY. [20]

4. **Write short notes on:**
 - a. Refractive Corneal surgeries. [10]
 - b. Tear substitutes. [10]
 - c. Ghost cell glaucoma. [10]
 - d. Antiviral drugs. [10]

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Ocular Pathology, Optics and refraction and Recent
advances
[Paper-III]

M.M. : 100

Time : 3 Hours

Note : Attempt all questions.
All questions carry equal marks.

I. Briefly discuss the following:

1. Aetiopathogenesis and management of Keratoconus.
2. Complications of High Myopic refractive error. Describe fundus picture of myopic patient.
3. AC/A ratio.
4. Clinical and pathological features of Retinoblastoma.
5. Surgical management of Pterygium.

II. Write short notes on:

1. Anatomy, actions and effect of Paralysis of Superior oblique.
2. Silent retinal holes.
3. Microphthalmos.
4. Ocular hypertension.
5. Effects of contact lens wear on Cornea.
