D.O.M.S.

[Diploma in Ophthalmic Medicine and Surgery]

BF/2015/05

Ocular Anatomy, Physiology and Pathology

[Paper–I]

Time : 3 Hours M.M.: 100

Note: Attempt all questions.

All questions carry equal marks.

Illustrate your answer with suitable diagrams.

1. Describe the optical principle and application of corneal topography. [10]

2. Describe the basic principles which are applied in the management astigmatism. [10]

3. Discuss and describe the anatomy of optic nerve and its blood supply. [10]

4. Draw a diagram of cavernous sinus and discuss its ophthalmic correction. [10]

5. Discuss the surgical anatomy of orbit along with their development. [10]

6. What is factors responsible for corneal transparency? [10]

7. What are the different methods of paediatric vision testing? [10]

8. Describe tear formation and its drainage mechanism. How do you congenital manage NLDO? [10]

9. What are the different modalities of management of myopia? What are their merits and demerits. [10]

10. What is the principle of electroretinogram? Describe the different waves of ERG along with diagram. [10]

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General Ophthalmology including Ophthalmic Surgery

[Paper–II]

Time : 3 Hours M.M.: 100

Note: Attempt all questions.

All questions carry equal marks.

Illustrate your answer with suitable diagrams.

1. Xerophthalmia. [10]

2. Management of keratoconus. [10]

3. Intermediate uveitis. [10]

4. Surgical management of retained intraocular foreign body(RIOFB). [10]

5. Micro incision cataract surgery. [10]

6. Blepharophimosis syndrome. [10]

7. Inferior oblique overaction: Clinical features and management. [10]

8. Psychophysical tests in glaucoma. [10]

9. Proliferative vitreo retinopathy. [10]

10. Traumatic optic neuropathy. [10]

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Optics, Refraction & Recent advances in Ophthalmology

[Paper–III]

Time : 3 Hours M.M.: 100

Note: Attempt all questions.

All questions carry equal marks.

Illustrate your answer with suitable diagrams.

1. Describe in detail about pathological myopia. [10]

2. Clinical variety of hypermetropia. [10]

3. Astigmatism and optics of regular astigmatism. [10]

4. Contact lenses. [10]

5. Various techniques of ophthalmoscopy. [10]

6. Evaluation of Humphrey field parameters. [10]

7. Electroretinography (ERG). [10]

8. Various drugs used in glaucoma. [10]

9. Vitreous substitutes. [10]

10. LASIK. [10]

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