

POST-GRADUATE DIPLOMA EXAMINATION – OCTOBER 2021

Time: 3 Hours

Max. Marks: 100

DIPLOMA IN OPHTHALMOLOGY (D.O)

PAPER – I

*(Basic sciences, optics and refraction, strabismus and pediatric ophthalmology,
ocular pharmacology, instrumentation and investigations in ophthalmology)*

Q.P. Code: 1311

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All questions are compulsory.

Question Number	Marks
LONG ESSAY QUESTIONS:	2 X 20 = 40
1. Describe clinical and therapeutic uses of prisms in ophthalmology. Discuss use of Jackson's cross cylinder.	(7+7+6)
2. Discuss anatomy and grading of Anterior chamber. Summarize aqueous humour formation and drainage.	(10+10)
SHORT ESSAY QUESTIONS:	6 X 10 = 60
3. Describe accommodative esotropia and discuss the treatment.	(5+5)
4. Classify immunosuppressants and uses in uveitis.	(5+5)
5. Compare and contrast UBM versus ASOCT.	
6. Describe pathological myopia fundus, details and complications.	(5+5)
7. Discuss evaluation of watering of eye. Describe the various level of block in lacrimal apparatus.	(5+5)
8. Write anatomy and development of iris.	(5+5)

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PAPER – II

(Clinical Ophthalmology I : Disorders of conjunctiva, cornea, sclera, uvea, lens, glaucoma, retina, optic nerve and Clinical Ophthalmology II: Diseases of the optic nerve, disorders of lids, lacrimal system, orbit, ophthalmic oncology, ocular trauma)

Q.P. Code: 1312

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All questions are compulsory.

Question Number	Marks
LONG ESSAY QUESTIONS:	2 X 20 = 40
1. A 70 year old male presents with sudden profound unilateral diminution of vision. Discuss aetiology, evaluation and management.	(4+6+10)
2. Describe evaluation and management of post uveitic cataract.	(8+12)
SHORT ESSAY QUESTIONS:	6 X 10 = 60
3. Write diagnosis and management of Keratoconus.	(5+5)
4. Describe cause and management of Neovascular glaucoma.	(5+5)
5. Discuss pathology and prognosis of retinoblastoma.	(6+4)
6. Describe clinical features and treatment of traumatic optic neuropathy.	(5+5)
7. Describe types, clinical features and management of allergic conjunctivitis.	(3+3+4)
8. Discuss evaluation and causes of axial Proptosis.	(5+5)

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PAPER – III

*(Surgical ophthalmology, Neuro-ophthalmology, systemic ophthalmology,
Community ophthalmology, recent advances)*

Q.P. Code: 1313

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All questions are compulsory.

Question Number	Marks
LONG ESSAY QUESTIONS:	2 X 20 = 40
1. Describe classification of diabetic retinopathy. Discuss management options in detail.	(8+12)
2. Analyze the causes of shallow anterior chamber following filtration surgery. Discuss management of each one.	(8+12)
SHORT ESSAY QUESTIONS:	6 X 10 = 60
3. Describe causes and management of branch retinal vein occlusion.	(4+6)
4. Discuss ocular manifestations and investigations of ocular tuberculosis.	(5+5)
5. Summarize causes, clinical features and treatment of Bacterial endophthalmitis.	(3+3+4)
6. Discuss toxic optic neuropathy.	
7. Discuss advances in lacrimal surgery.	
8. Enumerate difference between paralytic and non-paralytic squint.	(5+5)
