

**PG Examinations June/July 2023**

**Time : 180 Minutes**

**Max Marks : 100 Marks**

**Ophthalmology Paper I**

**QP CODE: P3101**

*Your answer should be specific to the question asked*

*Draw neat labelled diagrams wherever necessary*

1. Discuss the indication and uses of therapeutic contact lenses. Mention 4 factors responsible for maintaining epithelial integrity.
2. Discuss the anatomy of cornea and the factors responsible for maintaining corneal transparency.
3. Describe the pathological classification (CALLENDER'S) of malignant melanoma of the choroid.
4. Describe the anatomy of third cranial nerve and clinical manifestations of third cranial nerve palsy.
5. Discuss the management of concomitant convergent squint in a 3 years old child.
6. Discuss the various types of ERG and their uses in Ophthalmology.
7. Describe the pathology of retinoblastoma and add a note on its genetic inheritance.
8. Discuss anomalies of Accommodation and their management.
9. Discuss Prostaglandin analogues and their current uses in management of Glaucoma.
10. Discuss the clinical significance Intravitreal Triamcinolone injection.



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**Ophthalmology Paper II**

**QP CODE: P3102**

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1. Discuss causes of blindness due to trachoma. Add a note on its prophylaxis.
2. Discuss dacryocystectomy and its complications.
3. Discuss the etopathogenesis, complications and management of Blue sclera.
4. Discuss posterior blepharitis.
5. Discuss HLA B 27 related uveitis.
6. Describe the clinical features and management of Blow out fracture of Orbit.
7. Discuss Management of dry eye. Add a note on Sjogren's syndrome.
8. Discuss band keratopathy and its management.
9. Differential diagnosis and management of unilateral ptosis.
10. Discuss Anterior Lamellar Keratoplasty.



**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH**

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**Ophthalmology Paper III**

**QP CODE: P3103**

*Your answer should be specific to the question asked*

*Draw neat labelled diagrams wherever necessary*

1. Discuss recent advances in investigation and management of Age-related macular degeneration.
2. Discuss the types, classification and management of Nystagmus.
3. Discuss Cytomegalovirus retinopathy.
4. Discuss management of Absolute glaucoma.
5. Describe factors responsible for posterior capsule opacification. Discuss the prevention and management of the same.
6. Describe the various techniques of nucleus delivery in small incision cataract surgery.
7. Discuss the etiopathogenesis, clinical features & management of Anterior ischaemic optic neuropathy.
8. Discuss etiopathogenesis, clinical features and the principles of Macular hole surgery.
9. Describe briefly the various formulae employed in the calculation of intraocular lens power
10. Discuss the Congenital anomalies of lens. Add a note on the development of the lens.



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**Ophthalmology Paper IV**

**QP CODE: P3104**

*Your answer should be specific to the question asked*

*Draw neat labelled diagrams wherever necessary*

1. Discuss the ocular manifestations of diabetes mellitus.
2. Discuss the management of retained intraocular foreign body.
3. Discuss the differential diagnosis of leucocoria, add a note on genetic inheritance of any one.
4. Discuss Sutureless Vitrectomy, add a note on EV Study.
5. Discuss the role of Genetic counselling in Ophthalmology.
6. Discuss the classification of Low vision. Enumerate the NGOs in prevention & control of blindness.
7. Describe the management of a two year old child with unilateral cataract.
8. Discuss the recent advances of Macular hole surgeries.
9. Discuss Thyroid Related Orbitopathy.
10. Discuss Congenital ptosis, add a note on the insertions of LPS muscle.

