

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH**  
**(A Deemed to be University)**

**Post Graduate Examination October/November 2025**

**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. Describe the anatomy of the bony orbit supported by an illustrated diagram.
2. Discuss the role of Immune modulators in Ophthalmology.
3. Illustrate Gullstrand's schematic eye and Reduced eye.
4. Discuss the theories of colour vision.
5. Discuss *Corynebacterium diphtheria* – morphology, staining and cultural characteristics & ocular clinical spectrum.
6. Describe the pathology of basal cell carcinoma of the eyelid. Add a note on the differential diagnosis.
7. Discuss antifungal agents in ophthalmology, write the different routes of administration with 1 indication & dosage.
8. Discuss myopia and its surgical management.
9. Discuss the management of Essential infantile esotropia.
10. Describe the anatomy of third cranial nerve and clinical manifestations of third cranial nerve palsy.

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**Ophthalmology Paper II**

**QP CODE: P3102**

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1. Discuss aetiology, clinical features & management of Vernal keratoconjunctivitis, add a note on the complications.
2. Describe the clinical features and management of Sclero kerato Uveitis.
3. Discuss Orbital implants.
4. Discuss the differential diagnosis of limbal nodule, add a note on the management of any one.
5. Discuss the indications, types & procedure of Penetrating keratoplasty.
6. Discuss peripheral ulcerative keratitis.
7. Discuss the aetiopathogenesis of dry eye. Add a note on surgical management.
8. Describe the recent advances in the management of chronic dacryocystitis.
9. Discuss the management of endophthalmitis.
10. Discuss the management of Lid tumours.

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**Ophthalmology Paper III**

**QP CODE: P3103**

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**10X10=100**

1. Discuss the etiopathogenesis, clinical features and management of Central retinal artery occlusion.
2. Discuss the indications, principles & complications of Pars plana vitrectomy.
3. Discuss the anatomy, blood supply, relations, nerve fibers arrangement and field defects of optic chiasma.
4. Classify Primary Angle Closure Glaucoma. Discuss management of PACG.
5. Discuss anterior segment dysgenesis, add a note on Irido Corneal endothelial Syndrome.
6. Discuss the principles & clinical application of different types of Tonometer.
7. Discuss the Congenital anomalies of lens. Add a note on the development of the lens.
8. Discuss principles & procedure of phacoemulsification.
9. Discuss the causes, clinical features and management of Exudative Retinal Detachment.
10. Describe the pupillary pathway and discuss any 3 abnormal pupillary reactions.

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**Ophthalmology Paper IV**

**QP CODE: P3104**

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**10X10=100**

1. Discuss ocular manifestations of vitamin A deficiency & its management.
2. Discuss Recent advances in management of keratoconus.
3. Discuss the etiopathogenesis, diagnosis staging and management of Retinopathy of Prematurity.
4. Discuss the principles & practice of Eye banking.
5. Discuss the Ocular manifestations of Systemic Lupus erythematosus.
6. Discuss Goldenhar's syndrome, add a note on the differential diagnoses of Limbal nodule.
7. Discuss the pathogenesis, clinical features and management of Orbital blowout fracture.
8. Discuss the etiopathogenesis & management of photic ocular injury.
9. Discuss Congenital ptosis, add a note on the insertions of LPS muscle.
10. Write the different ocular manifestations in Covid related Mucor mycosis. Explain the risk factors.