

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**  
**(A DEEMED TO BE UNIVERSITY)**

**Post Graduate Degree Examination - May 2018**

**Time : 3 Hrs**

**Max Marks : 100**

**M.S OPHTHALMOLOGY**

**Paper - I**

**Paper Code : RS-4201**

*Your answers should be specific to the questions asked.*

*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100**

1. Describe the protective mechanism in eye.
2. Mention different dyes used in ophthalmology. Write briefly indications for use of fluorescein dye.
3. Write about the life cycle of Chlamydia Trachomatis & Laboratory diagnosis of trachoma.
4. Pathology of Sympathetic Ophthalmia
5. Ocular adverse effects of anti-tubercular drugs
6. Describe the mechanism of action of local anaesthetic agents, various routes and complications of peribulbar anaesthesia
7. Discuss hypermetropia and its correction.
8. Write the management of unilateral aphakia.
9. Adjustable sutures in strabismus surgery
10. Abnormal retinal correspondence

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**Paper - II**

**Paper Code : RS-4202**

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**LONG ESSAY**

**10 X 10 = 100**

1. Superior oblique tendon sheath syndrome.
2. Describe the etiology, signs and symptoms and investigations of unilateral proptosis in children
3. Discuss meibomitis.
4. Symblepharon
5. Posterior scleritis
6. Perforated corneal ulcer
7. Classify corneal dystrophy and discuss epithelial dystrophies.
8. What is a mucocoele. How do you manage.
9. Describe the tear film. What are the structures which produce each layer? How will you investigate a case of dry eye?
10. Discuss the clinical features and management of Malignant Melinoma of the Choroid

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**Paper - III**

**Paper Code : RS-4203**

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**LONG ESSAY**

**10 X 10 = 100**

1. Complications and management of dysfunctional filtering Blebs
2. Discuss diagnostic modalities of Open Angle Glaucoma
3. Complicated cataract
4. Discuss Piggyback lenses.
5. Describe the management of a two years old child with unilateral cataract.
6. Accomodative IOLs.
7. Discuss the causes of vitreous haemorrhage. Add a note on the principles of retinal detachment surgery.
8. Classify diabetic macular oedema and discuss its management.
9. Ophthalmic manifestations of pituitary tumors
10. Electrophysiological tests in Ophthalmology

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Paper - IV

Paper Code : RS-4204

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**LONG ESSAY**

**10 X 10 = 100**

1. Discuss national programme for control of blindness in India.
2. Discuss the ocular manifestations in diabetes mellitus.
3. Systemic Lupus erythematosus in Ophthalmology ' clinical features and management
4. Genetic counseling in Ophthalmology
5. Discuss CT scan versus MRI in ophthalmology.
6. Organization of eye camps
7. Discuss Etiopathogenesis, clinical signs and management of Traumatic Hyphema
8. Discuss congenital ptosis
9. Discuss differential diagnosis of Leucokoria
10. Discuss the pathogenesis and treatment of retinoblastoma