

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

**(A DEEMED TO BE UNIVERSITY)**

**Post Graduate Degree Examination –April/May - 2017**

**Time : 3 Hrs.**

**[Max. Marks : 100]**

**M.S. OPHTHALMOLOGY**

**PAPER - I**

**Q.P Code : RS 4201**

*Your answers should be specific to the questions asked.  
Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100 Marks**

1. Describe the blood supply of optic nerve?
2. Describe the orbital spaces and its significance in orbital diseases.
3. Describe corneal endothelium and endothelial pump mechanism.
4. Describe the theories of colour vision.
5. Describe the pathology of retinoblastoma.
6. Antiviral drugs used in ophthalmology.
7. What are the causes of Esotropia? How do you investigate Esotropia in four years old child.
8. Describe Hypermetropia types and management.
9. Lymphatic drainage of eye.
10. Abnormal pupillary reactions.

\* \* \*

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

**(A DEEMED TO BE UNIVERSITY)**

**Post Graduate Degree Examination –April/May - 2017**

**Time : 3 Hrs.**

**[Max. Marks : 100]**

**M.S. OPHTHALMOLOGY**

**PAPER - II**

**Q.P Code : RS-4202**

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

*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100 Marks**

1. Describe indications and methods of pterygium surgery. How to prevent recurrence.
2. Write immunological aspect, clinical features, risk factors and management of corneal graft rejection.
3. Describe clinical features, laboratory diagnosis, prevention and management of acanthamoeba keratitis.
4. Draw a labelled diagram of cut section of lid in relation to involutional ectropion. Describe etiopathogenesis, clinical features, diagnosis and surgical management of involutional ectropion.
5. Discuss clinical features, differential diagnosis and management of lid tumor.
6. Describe clinical picture, management and sequel of sarcoid uveitis.
7. Immuno-pathological profile of non-granulomatous uveitis.
8. Enumerate orbital spaces. Write down 4 common tumors in the central space according to its frequency.
9. Investigations, etiology and management of a case of necrotizing scleritis.
10. Classification of conjunctivitis and its management.

\* \* \*

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

**(A DEEMED TO BE UNIVERSITY)**

**Post Graduate Degree Examination – April/May - 2017**

**Time : 3 Hrs.**

**[Max. Marks : 100]**

**M.S. OPHTHALMOLOGY**

**PAPER - III**

**Q.P Code : RS-4203**

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

*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100 Marks**

1. Posterior capsular opacification prevention and management.
2. Causes and management of Subluxated lens.
3. Neovascular Glaucoma and management.
4. Write about the Congenital Glaucomas.
5. Write about the Eale's disease.
6. Write about the Proliferative Diabetic Retinopathy, its complications and management.
7. Describe the field changes in various pituitary tumors.
8. Differences between Ischaemic and non Ischaemic Central Retinal Vessel Obstruction (CRVO)
9. Describe Ocular Manifestations of Demyelinating diseases.
10. Describe the recent trends in the management of Paediatric Cataract.

\* \* \*

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

**(A DEEMED TO BE UNIVERSITY)**

**Post Graduate Degree Examination – April/May - 2017**

**Time : 3 Hrs.**

**[Max. Marks : 100]**

**M.S. OPHTHALMOLOGY**

**PAPER - IV**

**Q.P Code : RS-4204**

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

*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100 Marks**

1. Write various causes of white reflex in a child and write in detail about Persistent hyper plastic primary vitreous (PHPV).
2. Ocular manifestations of Neurofibromatosis.
3. Causes of child hood blindness its prevention and Rehabilitation.
4. Role of Femto second laser in ocular surgeries.
5. Phakic intraocular lenses.
6. Role of Ocular Coherence Tomogram in the diagnosis of Glaucoma.
7. Discuss Computerised Tomography (CT) verses Magnetic Resonance Image (MRI) in Ophthalmology.
8. Genetic counseling in ophthalmology.
9. Anti vascular endothelial growth factor (VEGF)
10. Role of steroids in posterior segment diseases.

\* \* \*