

**(A DEEMED TO BE UNIVERSITY)**

**Post Graduate Degree Examination – April / May - 2012**

**Time : 3 Hrs.**

**[Max. Marks : 100]**

**M.S. OPHTHALMOLOGY**

**PAPER - I**

**Q.P Code : 4201**

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

*Draw neat labelled diagrams wherever necessary.*



**LONG ESSAY**

**2 X 20 = 40 Marks**

1. Explain the optics of the slit lamp. Explain the different modes of examination with the slit lamp.
2. Explain the various hypersensitivity reactions in the eye.

**SHORT ESSAY**

**6 X 10 = 60 Marks**

3. Discuss the techniques of sterilization of ophthalmic instruments
4. Explain the development of lens and its congenital abnormalities
5. Discuss the histopathology of retinoblastoma and its prognostic significance
6. Explain the maintenance of corneal transparency
7. Discuss Wald's visual cycle
8. Explain anatomy of the limbus and its applied importance

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**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**  
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**M.S. OPHTHALMOLOGY**

**PAPER - II**

**Q.P Code : 4202**

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



**LONG ESSAY**

**2 X 20 = 40 Marks**

1. A 3 years old child presents with convergent squint of  $20^{\circ}$ . How do you manage it.
2. Discuss complications of LASIK surgery

**SHORT ESSAY**

**6 X 10 = 60 Marks**

3. Scleritis
4. Dallen Fuch's nodule
5. Phlycten
6. Causes for Amblyopia
7. Fundus picture in malignant myopia
8. Limbal stem cells

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1. Describe the clinical features and management of rhegmatogenous retinal detachment.
2. Describe the etiology, clinical features and management of acute optic neuritis.

**SHORT ESSAY****6 X 10 = 60 Marks**

3. Vitreous haemorrhage
4. Anti glaucoma drugs
5. Newer tonometers
6. Accommodative intra ocular lense
7. MICS
8. Central retinal vein occlusion

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**M.S. OPHTHALMOLOGY**

**PAPER - IV**

**Q.P Code : 4204**

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



**LONG ESSAY**

**2 X 20 = 40 Marks**

1. Describe the etiology, clinical features and management of congenital cataract..
2. Describe the ocular manifestations of diabetes mellitus.

**SHORT ESSAY**

**6 X 10 = 60 Marks**

3. Optical coherence tomography
4. Retinopathy of prematurity
5. Low vision aids
6. Grid laser
7. Phacomatosis
8. NPCB

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