

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Diploma Examination – April / May - 2015

Time : 3 Hrs.

[Max. Marks : 100]

DIPLOMA IN OPHTHALMOLOGY (D.O.M.S)

PAPER I

Q.P Code : RS- D4251

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 anatomy of the angle of anterior chamber and development anomalies associated with it.
2. Describe the theories of accommodation and add a note on anomalies of accommodation.
3. Pathology of uveitis.
4. Polymerase chain reaction and its uses in Ophthalmology.
5. Indication and uses of therapeutic contact lenses.
6. Discuss hypermetropia and its correction.
7. What is amblyopia? Write an essay on various types of amblyopia.
8. Antiviral drugs.
9. Biochemical changes leading to cataract.
10. Describe the corneal physiology and mechanism of its transparency.

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PAPER II

Q.P Code : RS-D4252

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LONG ESSAY

10 X 10 = 100 Marks

11. Discuss the etiology, clinical pictures and investigation in a case of acute anterior uveitis.
12. How do you evaluate and discuss the management of congenital dacryocystitis?
13. Discuss causes and management of graft failure.
14. Describe Ophthalmia neonatrum.
15. Write short notes on
 - a) Stem cell transplantation
 - b) Fibrin glue
16. Describe entropion surgeries.
17. Discuss orbital cellulites.
18. Write about who classification of trachoma and treatment.
19. Discuss treatment of dry eye.
20. Describe evaluation and treatment of non-healing corneal ulcer.

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PAPER III

Q.P Code : RS-D4253

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Draw neat labelled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100 Marks

1. Discuss the various techniques used in a “small pupil” phacoemulsification.
2. Discuss the clinical features and management of congenial glaucoma.
3. Discuss the clinical features and management of ischemic central retinal vein occlusion.
4. Discuss the differences between papillitis and papilloedema. Add a note on investigations done for neuroretinitis.
5. Discuss vision 2020.
6. Describe the recent advances in the management of age related macular degeneration (ARMD)
7. Discuss the ocular features in tuberculosis.
8. Discuss the differential diagnosis of white reflex at the pupil.
9. Discuss the imaging modalities in the management of glaucoma.
10. Discuss the causes of vitreous haemorrhage. Add a note on the principles of retinal detachment surgery.

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