

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Diploma Examination – April / May - 2014

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 surgical anatomy of the spaces of the orbit. How will you investigate a case of uniocular ptosis.
2. Enumerate the layers of the retina. Describe in detail the structures of the Rod and Cones.
3. Describe with the help of a diagram, the optics of the indirect ophthalmoscope. What are the advantages and disadvantages of an indirect ophthalmoscope as compared to a direct ophthalmoscope.
4. Enumerate the Anti VEGF agents. Discuss their mechanism of action. What are their uses in ophthalmology.
5. Enumerate the types of amblyopia. Discuss management of uniocular paediatric cataract.
6. Describe the tear film. What are the structures which produce each layer? How will you investigate a case of dry eye.
7. Draw a diagram to show the gonioscopic view of the structures of the angle of the anterior chamber. Describe the physiology of formation of aqueous humour.
8. Describe with the help of diagrams, the optic pathway and enumerate the field defects which occur with lesions and various levels.
9. Describe Macular function tests and their clinical significance.
10. Draw the Sturm's conoid. Discuss various methods of correction of astigmatism.

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PAPER II

Q.P Code : RS-D4252

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LONG ESSAY

10 X 10 = 100 Marks

1. Ocular surface reconstruction-surgical methods.
2. Exenteration indications, types and procedure.
3. Panuveitis - causes and it's management.
4. Corneal topography.
5. Trachoma clinical features and management.
6. Ophthalmia neonatorum.
7. Preoperative evaluation for refractive surgery.
8. Moorens ulcer-clinical features and management.
9. Orbital decompression-types and indications.
10. Surgical management of ectropion.

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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 causes, clinical features and management of subluxated cataractous lens.
2. Discuss the differential diagnosis of unilateral disc edema.
3. Discuss the management of diabetic maculopathy.
4. Discuss visual field defects in Primary Open Angle Glaucoma (POAG). Add a note on deep sclerectomy.
5. Write brief on
 - a. DBCS (District Blindness Control Society)
 - b. Safe strategy
6. Describe the management of a two years old child with unilateral cataract.
7. Discuss the uses of femtosecond lasers in ophthalmology.
8. Discuss the stages of macular hole. Discuss in brief about chromo-vitreotomy.
9. Discuss the indications and steps of enucleation.
10. Discuss the stages and management of Neovascular glaucoma.

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