

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Diploma Examination – April/May - 2017

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. Principles of direct ophthalmoscope.
2. Define accommodation and convergences.
3. Describe electroretinography.
4. a) What are the various types of anti-VEGF agents available?
b) What are their pharmacological features?
c) What is their role in retinal disorders?
d) What are their complications and limitations?
5. a) Describe in brief the embryological evolution of retina?
b) What are the differences between rods and cones?
c) What is the importance of IS/OS junctions?
6. Give classification, clinical work up and management of primary exodeviation.
7. How do you define A and V pattern in strabismus? How you will diagnose it and what is its clinical significance?
8. Definition, causes, pathogenesis and classification of amblyopia.
9. Classify antifungal drugs, their clinical uses and side effects of each drug.
10. What are the ocular features of HIV disease? What is the impact of HAART on ocular features?

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PAPER II

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LONG ESSAY

10 X 10 = 100 Marks

1. Discuss differential diagnosis and management of unilateral orbital cellulitis.
2. Evaluate in detail the surgical management of congenital ptosis
3. Discuss the clinical features and recent advances in the management of pterygium.
4. Discuss the management of acute anterior uveitis.
5. Describe signs, symptoms and investigations in dry eye.
6. Describe clinical presentation and management of moorens corneal ulcer.
7. Give the differential diagnosis of nodule at limbus and how to manage it.
8. Discuss the etiology, symptom, signs and management of sympathetic ophthalmitis.
9. Discuss blow-out-fracture of the ORBIT.
10. Discuss the lacrimal pump mechanism. Discuss the investigations of a case of epiphora.

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

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. Describe the etiology, classification, clinical features and management of age related macular degeneration.
2. Management of post-operative endophthalmitis.
3. District blindness control society.
4. Importance of school survey in prevention of childhood blindness.
5. Discuss third cranial nerve palsy.
6. Ocular manifestations and management of dysthyroid ophthalmopathy.
7. Hypertensive retinopathy.
8. Lasers in ophthalmology.
9. Define and classify glaucoma and discuss about surgical management of primary open angle glaucoma.
10. Discuss recent advances in cataract surgeries.

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