

PSRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination - June/July 2020

Time : 3 Hrs

Max Marks : 100

M.S OPHTHALMOLOGY

Paper- I QP Code: P3101

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100

1. Discuss in short the role of pleoptics in pediatric age group.
2. Describe the visual pathway, with the blood supply (draw a neat labelled diagram) and add a note on common lesions at different level
3. Discuss the types of immune reactions with specific examples of ocular conditions .
4. Histopathology of malignant melanoma of choroid , draw a labelled diagram . Add a note on diagnostic challenges.
5. Discuss Antiviral drugs and their ophthalmic use.
6. Discuss Prostaglandin analogues and their current uses in management of Glaucoma.
7. Discuss the indication and uses of therapeutic contact lenses, Enlist 4 factors responsible for maintaining epithelial integrity.
8. Draw the Sturm's conoid. Discuss various methods of correction of astigmatism.
9. Discuss forced duction test.What is forced generation test ?
10. Discuss management of Microtropia.

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M.S OPHTHALMOLOGY

Paper- II QP Code: P3102

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Draw neat labeled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100

1. Discuss causes of blindness due to trachoma. Add a note on preventive aspects
2. Discuss posterior blepharitis.
3. Discuss the various glands on the lids. Add a note on sebaceous gland carcinoma.
4. Discuss the principles ocular surface reconstruction , with examples.
5. Discuss etio pathogenesis, clinical features and management orbital cellulitis.
6. Discuss Corneal collagen cross linking . Add a note on post LASIK ectasia.
7. Discuss Acanthamoeba keratitis.
8. Enumerate the causes of bilateral proptosis. Describe the ocular signs in thyroid eye disease
9. Discuss the management of a case of dry eye.
10. Discuss the indications and steps of enucleation, add a note on ocular prosthesis.

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M.S OPHTHALMOLOGY
Paper- III QP Code: P3103

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Draw neat labeled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100

1. Discuss the clinical features and management of congenial glaucoma.
2. Discuss the role of antimitotic agents in glaucoma surgery.
3. Classify and mention the uses of capsular tension rings.
4. Discuss the etio pathogenesis & management of Pseudophakic Bullous Keratopathy.
5. Discuss Accomodative IOLs.
6. Discuss the causes, types and management of Macular Hole .
7. Discuss the Role of Prostaglandin analogues in the management of glaucoma
8. Discuss etio pathogenesis, clinical features and management acute retinal necrosis.
9. Discuss the types,classification and management of Nystagmus.
10. Discuss the etiopathogenis, clinical picture and differential diagnosis of papillocdema .

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M.S OPHTHALMOLOGY

Paper- IV QP Code: P3104

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100

1. Discuss in brief the strategies to control blindness in India.
2. Describe the ocular manifestations of the HIV infections.
3. Discuss the clinical manifestations and management of ocular tuberculosis.
4. Discuss the role of CT scan versus MRI as a diagnostic tool in Ophthalmology.
5. Discuss Traumatic Optic Neuropathy, quote the relevant studies.
6. Discuss Bionic Eye & retinal implants (as low vision aid)
7. Discuss the management of chemical injuries to the eye.
8. Discuss the management of Esotropia in a 6 month old child.
9. Discuss in brief, the causes for bilateral blindness in children. Discuss ophthalmia neonatorum.
10. Discuss the surgical management of congenital glaucoma.