



SRI DEVRAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination - July 2021

Time : 3 Hrs

Max Marks : 100

M.S OPHTHALMOLOGY

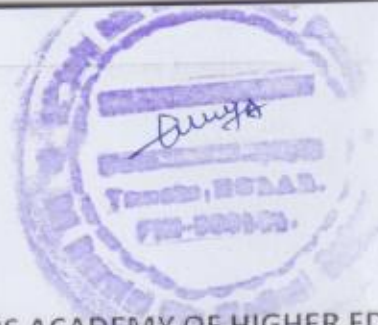
Paper- I QP Code: P3101

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

LONG ESSAY

10 X 10 = 100

1. Discuss the protective mechanisms in eye
2. Discuss the anatomy of cornea and the factors responsible for maintaining corneal transparency.
3. Discuss Immunodiagnostic tests.
4. Describe the pathology of squamous cell carcinoma of the eyelid, draw a labelled diagram. Add a note on the differential diagnoses.
5. Discuss antifungal agents in ophthalmology, write the different routes of administration with 1 indication & dosage.
6. Discuss Retinal implants, add a note on Blood retinal barrier.
7. Discuss recent advances in the management of presbyopia, add a note on Bifocal spectacles.
8. Describe with diagram Gullstrand's schematic eye
9. Discuss cover tests add a note on Microtropia.
10. Discuss the physiology of binocular single vision.



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Paper- II QP Code: P3102

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LONG ESSAY

10 X 10 = 100

1. Discuss the management of empty socket.
2. Describe the clinical features and management of ocular Toxoplasmosis.
3. Discuss the Management of a case of scleritis.
4. Discuss stem cell transplantation in ophthalmology.
5. Discuss Staphylomas.
6. Discuss Lamellar Keratoplasty.
7. Discuss the clinical manifestations and management of Herpes Simplex Keratitis.
8. Classify Lacrimal gland tumours and describe adenoid cystic carcinoma of the lacrimal gland
9. Keratoconjunctivitis sicca
10. Classify dacryocystitis. Discuss the management of a case of congenital dacryocystitis.

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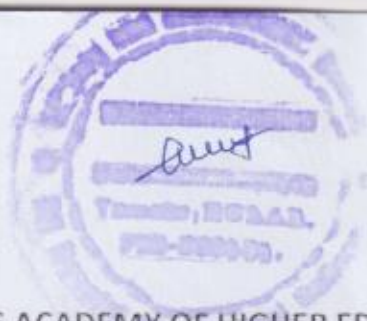
M.S OPHTHALMOLOGY
Paper- III QP Code: P3103

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

LONG ESSAY

10 X 10 = 100

1. Describe Macular function tests and their clinical significance. Add a note on anatomical speciality of the fovea.
2. Describe with the help of diagrams the classification systems used for angle of the anterior chamber, add a note on Gonioscopy.
3. Discuss the Congenital anomalies of lens . Add a note on the development of the lens.
4. Discuss intraocular lens power calculation in post refractive surgery cases.
5. Classify and mention the uses of capsular tension rings.
6. Discuss Horizontal gaze palsy.
7. Discuss anterior segment dysgenesis , add a note on Irido Corneal endothelial Syndrome.
8. Discuss Cytomegalovirus retinopathy.
9. Discuss Toxic optic neuropathies and the management.
10. Draw a neat labelled diagram of the visual pathway. Mention the localizing signs for lesions of visual cortex.



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Paper- IV QP Code: P3104

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Draw neat labeled diagrams wherever necessary.*

LONG ESSAY

10 X 10 = 100

1. School health programmes for control of blindness. Add a note on childhood blindness.
2. Discuss Phacomatosis.
3. Discuss the ocular manifestations of Steven-Johnson syndrome .
4. Discuss the role of Immuno suppressants in Ophthalmology.
5. Types of Optical aberrations. Mention the principles of Wavefront aberrometry.
6. Discuss the Etio pathogenesis, ocular manifestations, diagnosis and treatment of myasthenia gravis.
7. Discuss the management of retained intraocular foreign body.
8. Discuss the Congenital anomalies of lens, add a note on the embryology of th lens.
9. Discuss the management of Esotropia in a 6 month old child.
10. Discuss the management of Proptosis in children.