

# **SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH**

**M B B S Phase III Part I Examinations, December 2023**

**Time: 180 Minutes**

**Max Marks: 80 Marks**

## **Ophthalmology QP CODE: C3101**

*Your answer should be specific to the question asked  
Draw neat labelled diagrams wherever necessary*

### **Long Essay $10 \times 2 = 20$ Marks**

1. Describe the etiology, clinical features, treatment and complications of Acute Mucopurulent Conjunctivitis. (2+3+3+2)
2. Describe the etiology, clinical features and management of Bacterial corneal ulcer.

### **Short Essay $5 \times 12 = 60$ Marks**

3. Explain the indications and principles of refractive surgeries for Hypermetropia
4. Describe the etiopathogenesis, clinical features and treatment of Tractional retinal detachment (2+2+1)
5. Mention the causes of Lagophthalmos. describe the clinical features, grading and Management of the same.
6. Enumerate causes for Trichiasis. Describe the clinical features and treatment.
7. Describe the clinical manifestations of Squamocell carcinoma of eyelids. Add a note on its management.
8. What are the causes of secondary glaucoma in uveitis.
9. What are the stages of senile cataract? Mention 4 differences between senile mature & immature cataract.
10. What is aphakia? What are the symptoms and signs of aphakia?
11. What are the differential diagnosis of dislocation of lens?
12. Describe ETDRS classification of Diabetic retinopathy, Name any one cause of sudden, painless loss in vision in a diabetic. (4+1)
13. Write a note on the diseases covered under VISION 2020.
14. What are the types of medical errors

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**M.B.B.S Phase-III ( Part II ) Degree examination December 2023**

**Time:3 hours**

**Max Marks:100**

**OPHTHALMOLOGY**

*Your answer should be specific to the question asked  
Draw neat and labeled diagrams wherever necessary*

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Classify Ptosis. Discuss the management of severe Ptosis. (3+7)
2. Define & classify Myopia. Describe the clinical features and treatment of Myopia. (4+3+3)

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Discuss signs, symptoms and management of Internal hordeolum. ( 2+1+2)
4. Describe the clinical features and treatment of Panophthalmitis.(2+3)
5. Discuss the clinical features and investigations of traumatic optic neuropathy
6. What are the types of corneal opacity? How do you treat central leucoma? (3+2)
7. What is Ectopia Lentis and what are the clinical features & causes of Ectopia Lentis? (1+2+2)
8. Describe the attachment of vitreous, name 2 vitreous substitutes (4+1)
9. Describe the etiology, clinical features and treatment of Acute Membranous conjunctivitis. (1+2+2)
10. Write the pathogenesis of Diabetic retinopathy.
11. Write the clinical features and management of Optic neuritis. (3+2)
12. Describe the management of Congenital Dacryocystitis

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. List four ocular manifestations of blunt injury to the eye.
14. Mention Three causes of Papilloedema.
15. Mention three causes for subconjunctival hemorrhage.
16. Name two drugs used for fundus examination?
17. Mention three ocular manifestations of Leprosy.
18. Write four complications of anterior chamber intra ocular lens implantation.
19. What is Horner's syndrome?
20. Name four routes of administration of drugs into the eyes.
21. Name three drugs used in the treatment of Endophthalmitis and the route of administration.
22. Write three differences between corneal opacity and corneal ulcer.

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**Max Marks:100**

**OPHTHALMOLOGY**

*Your answer should be specific to the question asked  
Draw neat and labeled diagrams wherever necessary*

**LONG ESSAY ( Answer any 2 )**

**2 X 10 = 20 Marks**

1. Classify Ptosis. Discuss the management of different Ptosis.(2+3)
2. Define & classify Myopia. Describe the clinical features and treatment of Myopia. (4+3+3)
3. Describe the etiology and clinical features and treatment of zonular cataract. (1+2+2)

**SHORT ESSAY ( Answer any 10 )**

**10 X 5 = 50 Marks**

4. Describe the management of Congenital Dacryocystitis
5. Diagrams of Fundus changes seen in different stages of Hypertensive retinopathy.
6. Describe the etiology, clinical features and treatment of Acute Follicular conjunctivitis.(1+2+2)
7. What is Ectopia Lentis and what are the clinical features & causes of Ectopia Lentis? (1+2+2)
8. Describe the pupillary pathway , write a diagram. (3+2)
9. Write the causes, clinical features and complications of Trichiasis.(1+2+2)
10. Describe the clinical features and treatment of Panophthalmitis.(2+3)
11. Classify Anti glaucoma drugs with one example for each and write One contraindication for each.
12. What is descemetocoele? What are the sequelae of perforated corneal ulcer?(2+3)
13. Describe the classification of Optic atrophy.
14. What is siderosis bulbi? Describe its clinical features and complications.(1+2+2)
15. Discuss VISION 2020.

**SHORT ANSWERS ( No choices )**

**10 X 3 = 30 Marks**

16. Mention 3 tests for Amblyopia
17. What is SAFE strategy?
18. Name three micro organisms which penetrate the intact corneal epithelium.
19. Mention three causes of coloured haloes and how will you differentiate between them?
20. What is Posterior Vitreous Detachment? Mention the types.
21. Write two indications of intravenous mannitol and its dosage in ophthalmology
22. Name Three syndromes associated with uveitis?
23. Name three antifungal drugs used in treatment of ocular diseases.
24. Name Three causes of acute Proptosis.
25. Write Three classical signs of Retinitis pigmentosa.