



Question Paper Code: U3101

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**

**(A DEEMED TO BE UNIVERSITY)**

**M.B.B.S Phase-III (Part I) Examination March 2022**

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 Retinal detachment, clinical features & management of Rhegmatogenous retinal detachment. (2 + 4 + 4)
2. Define & classify Hypermetropia. Describe the clinical features and treatment of Hypermetropia. (4+3+3)

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. What is Ectropion? Describe the types and principles of treatment of each type (1+2+2)
4. What is 100 day Glaucoma? Write the clinical features. (2+3)
5. Write a diagram of the parts of Uveal tract. Describe the functions of ciliary body. (2+3)
6. Describe clinical features and differential diagnosis of Congenital Dacryocystitis (2+3)
7. Classify Xerophthalmia. Add a note on prophylaxis
8. Describe the clinical features and treatment of Panophthalmitis. (2+3)
9. Explain the mechanism of Aqueous Humor Secretion.
10. Describe the pupillary pathway, write a diagram. (3+2)
11. What is Photophthalmia? Add a note on the management (2+3)
12. What is Episcleritis? List four important differences between scleritis & Episcleritis. (1+4)

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Write the fundus picture of Berlin's oedema.
14. Mention three late postoperative complications of cataract surgery.
15. Name two conditions where corneal curvature is altered.
16. Mention Three investigations for Epiphora.
17. Mention three ocular manifestations of Tuberculosis.
18. What is Cover test? What are its uses?
19. Mention three causes for dilated pupil.
20. Name Three causes of acute Proptosis.
21. What is Foster Kennedy Syndrome?
22. Name four routes of administration of drugs into the eyes.



Question Paper Code: RS116

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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 ( Answer any 2 )**

**2 X 10 = 20 Marks**

1. Define complicated cataract. Describe the clinical features and treatment of Complicated Cataract. (1+2+2)
2. Define & classify Hypermetropia. Describe the clinical features and treatment of Hypermetropia. (4+3+3)
3. Describe the etiology, clinical features, treatment and complications of Trachoma. (2+2+2+2)

**SHORT ESSAY ( Answer any 10 )**

**10 X 5 = 50 Marks**

4. Describe the mechanism of action, routes of administration & the side effects of carbonic anhydrase inhibitors. (2+1+2)
5. Describe the etiopathogenesis and treatment of neuroparalytic keratitis. (2+3)
6. Discuss the differences between External and Internal hordeolum (including the treatment of the same). (4+1)
7. Discuss DBCS and its role in National Program for control of Blindness
8. Discuss pathogenesis & treatment of Occlusio pupillae. (2+3)
9. What are the advantages of Small Incision Cataract Surgery, Mention 4 intra operative complications (3+2)
10. Describe the pupillary pathway, write a diagram. (3+2)
11. Classify scleritis & describe the clinical features of Anterior Scleritis. (2+3)
12. Discuss causes of vitreous haemorrhage and its complications. (2+3)
13. Discuss the Pharmacological action and uses of Atropine in ophthalmology (2+3)
14. Write three differences between different types of retinal detachment.
15. What are keratic precipitates? Mention the types. (2+3)

**SHORT ANSWERS ( No choices )**

**10 X 3 = 30 Marks**

16. Mention three types of abnormal contents of the anterior chamber.
17. Mention Three causes of red eye.
18. What is Marcus Gunn jaw winking phenomenon?
19. Mention three causes of Curable Blindness.
20. What is Cover test? What are its uses?
21. Outline the treatment of Optic neuritis.
22. Mention three types of Staphyloma.
23. Mention Three factors which maintain Corneal Transparency.
24. Mention three facts about Eye Donation.
25. Mention Three investigations for Epiphora.