



Question Paper Code:U3092

SRI DEVRAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

M.B.B.S Phase-III (Part II) Degree examination JULY 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 (Answer any 2)

2 X 10 = 20 Marks

1. Mention the causes & describe the stages of Papilloedema . (3+7)
2. Define & classify Hypermetropia. Describe the clinical features and treatment of Hypermetropia.(4+3+3)
3. Mention the fundus changes seen in Diabetic Retinopathy & Discuss the management of Proliferative Diabetic Retinopathy.(6+4)

SHORT ESSAY (Answer any 10)

10 X 5 = 50 Marks

4. Write a diagram of the parts of Uveal tract. Describe the functions of ciliary body .(2+3)
5. Enumerate three media used for preserving corneoscleral button, name one indication for tectonic Keratoplasty (4+1)
6. Explain the mechanism of Aqueous Humor Secretion.
7. Draw a neat labelled diagram of normal fundus as seen Ophthalmoscopically.
8. What is Entropion ? How is it classified? Outline the principle of treatment of any one.(1+3+1)
9. What is Ectopia Lentis and what are the clinical features & causes of Ectopia Lentis? (1+2+2)
10. What is Photophobia? Add a note on the management (2+3)
11. What is Sturm's conoid? Describe it with a neat diagram.
12. Discuss the complications of Chronic Dacryocystitis.
13. Discuss the principles and objectives of District control Blindness society
14. Describe the etiology, clinical features, treatment and complications of Acute Mucopurulent Conjunctivitis. (1+2+ 1+1)
15. Mention Three causes for Unilateral Proptosis, add a note on the management of any one of them(3+2)

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. Write six contraindications for transplanting a donor cornea to a recipient.
17. What is Tensilon test?
18. Mention Stages of Chronic Dacryocystitis.
19. Name two drugs used for topical anaesthesia and mention two indications.

20. Write two causes of vision loss in thyroid ophthalmopathy
21. Mention three ocular manifestations of Leprosy.
22. What is enucleation? Mention four Indications.
23. What is iridectomy & mention Two indications for peripheral iridectomy.
24. Mention the stages of Papilloedema.
25. Write the fundus picture of Berlin's oedema.





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LONG ESSAY

2 X 10 = 20 Marks

1. Describe the etiology and clinical features and treatment of zonular cataract. (1+2+2)
2. Describe the Etio pathogenesis, clinical features and treatment of Sympathetic Ophthalmitis. (2+3+5)

SHORT ESSAY

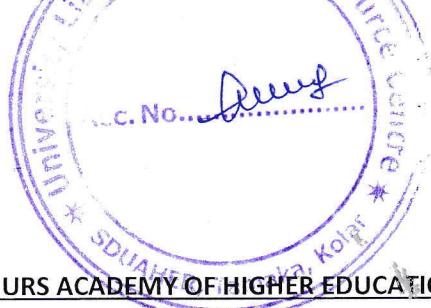
10 X 5 = 50 Marks

3. Discuss the different types of Intra ocular Lenses
4. What is Ectropion ?, describe the types and principles of treatment os each type (1+2+2)
5. Write five differences between Paralytic & non-paralytic squint.
6. Outline the management of Diabetic retinopathy.
7. Describe the classification of Optic atrophy.
8. Discuss the complications of Chronic Dacryocystitis.
9. What is Phacomorphic Glaucoma and how do you manage? (2+3)
10. What are keratic precipitates? Mention the types.(2+3)
11. Describe the etiology, clinical features and treatment of Vernal keratoconjunctivitis.(1+2+2)
12. Describe the differences between Bacterial and Fungal corneal ulcer (2.5+2.5).

SHORT ANSWERS

10 X 3 = 30 Marks

13. Mention 3 ocular manifestations of syphilis
14. Mention three causes for Nyctalopia.
15. Mention Three treatment modalities for Diabetic retinopathy.
16. What is evisceration ? Write three indications.
17. Mention three causes of Entropion.
18. Mention two causes of dimunished near vision .
19. Write three types of Contact Lenses.
20. What is keratoplasty? Mention Three indications for keratoplasty.
21. Enumerate six investigations for dry eye
22. What is Asteriod hyalosis?



Question Paper Code:U3101

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M.B.B.S Phase-III (Part II) Degree examination JULY 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. What is Primary Open Angle Glaucoma and discuss the management options (2+8)
2. Describe the etiology, clinical features and treatment of Herpes simplex keratitis.(2+4+4)

SHORT ESSAY

10 X 5 = 50 Marks

3. Write four differences between Conjunctival congestion and Circumciliary congestion.
4. Discuss etio pathogenesis & clinical features of Sympathetic ophthalmia.(2+3)
5. Describe the clinical features and fundus picture of Retinitis pigmentosa. What type of Optic atrophy is seen? (1+3+1)
6. Describe the differences between Bacterial and Fungal corneal ulcer (2.5+2.5).
7. Briefly describe congenital glaucoma
8. Describe the pupillary pathway , write a diagram. (3+2)
9. Describe Pre corneal Tear Film with a diagram, mention the thickness of each layer. (4+1)
10. Discuss the differences between Papillitis and Papilloedema.
11. Describe the clinical features and treatment of Congenital Dacryocystitis .(2+3)
12. What are the clinical stages of a Cortical cataract , add a note on corresponding visual symptoms. (3+2)

SHORT ANSWERS

10 X 3 = 30 Marks

13. Mention three late postoperative complications of cataract surgery.
14. Outline the treatment of Optic neuritis.
15. Mention three Anti-viral drugs used in Ophthalmology and the formulation
16. Mention 3 ocular manifestations of syphilis
17. Mention Three Complications of DCR.
18. What is enucleation? Mention four Indications.
19. Mention Three signs of Thyroid orbitopathy.
20. Mention three refractive surgeries for the treatment of Myopia.
21. Write the complications of Chalazion.
22. Name three provocative tests for primary glaucoma

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LONG ESSAY (Answer any 2)

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1. Explain etiopathogenesis and management of Acute Angle Closure Glaucoma.add a note on Prophylaxis (3+ 6+1)
2. Describe the etiology, clinical features and management of Orbital Cellulitis.(2+3+5)
3. Define & classify Myopia. Describe the clinical features and treatment of Myopia. (4+3+3)

SHORT ESSAY (Answer any 10)

10 X 5 = 50 Marks

4. Discuss the complications of Corneal ulcer.
5. Describe the actions and complications of retro bulbar anaesthesia. (3+2)
6. Write the clinical features and management of Optic neuritis. (3+2)
7. What is Sturm's conoid? Describe it with a neat diagram.
8. Outline the investigations and treatment of Retinoblastoma.
9. Describe the etiology, clinical features and treatment of Acute Follicular conjunctivitis.(1+2+2)
10. Describe the mechanism of action , routes of administration & the side effects of carbonic anhydrase inhibitors. (2+1+2)
11. Describe the management of Congenital Dacryocystitis
12. Draw a neat labelled diagram of layers of cornea ;what is the thickness of the cornea?(4+1)
13. What is Ectropion ? Describe the types and principles of treatment of each type (1+2+2)
14. Discuss the management of Thyroid eye disease
15. Describe the clinical features and management of Sympathetic Ophthalmitis. (2+3)

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. What are the effects of atropine in corneal ulcer?
17. Enumerate Six types of Secondary Glaucoma.
18. Name the ocular signs of third cranial nerve palsy
19. Enumerate the spaces in Orbit .
20. What is hemeralopia? Mention three causes
21. What are the causes of vitreous haemorrhage?
22. What is legal blindness? Mention two causes of preventable blindness
23. What is Cover test? What are its uses?
24. Mention Stages of Chronic Dacryocystitis.
25. Enumerate six investigations for dry eye

