

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

MBBS Phase III Part I Examination February 2021

Time: 180 Minutes

Marks: 100

Ophthalmology

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

Long Essay

10 × 2 = 20 Marks

1. Describe Clinical features & management of a patient with Acute congestive stage of Primary Angle Closure Glaucoma (5+5)
2. Describe the etiology, clinical features and management of Senile cortical cataract. (2+3+5)

Short Essay

5 × 10 = 50 Marks

3. Illustrate the fundus changes in pathological myopia. (4+1)
4. Describe the corneal manifestations and treatment of vernal catarrh. (3+2)
5. What is exposure keratopathy? Describe the etiology and treatment. (2+3)
6. Describe the Clinical features & treatment of chronic Dacryocystitis. (2+3)
7. Define Chalazion & describe the clinical features and management of Chalazion. (1+2+2).
8. Describe ETDRS classification of Diabetic retinopathy. Name any one cause of sudden, painless drop in vision in a diabetic. (4+1)
9. Classify & mention the causes of optic atrophy. (2+3)
10. Describe the etiology and clinical features of cavernous sinus thrombosis (2+3)
11. Classify Xerophthalmia. Add a note on prophylaxis. (3+2)
12. Describe the Clinical features and management of Keratoconus. (3+2)

Short Answer

3 × 10 = 30 Marks

13. Differentiate between Exudative and Tractional retinal detachment.
14. Mention the complications of chemical injury to the eye.
15. Mention three types of Synechiae.
16. Write three classical signs of Retinitis pigmentosa.
17. Name two adverse ocular effects of corticosteroids.
18. Mention the corneal lesions seen in Herpes Simplex keratitis.
19. Illustrate Flexner wintersteiner rosettes with a diagram.
20. Mention 3 causes of posterior uveitis.
21. Enumerate the benign conjunctival tumours.
22. Classify blindness.



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Long Essay (Answer any two)

10 × 2 = 20 Marks

1. Describe the etiology, clinical features and management of Fungal Keratitis. (2+3+5)
2. Describe the clinical features and management of Primary Open Angle Glaucoma. (5+5)
3. Describe the etiology, clinical features and management of Senile cortical cataract. (2+3+5)

Short Essay (Answer any ten)

5 × 10 = 50 Marks

4. Describe the clinical features and management of Blow-out fracture (3+2)
5. Illustrate the fundus changes in pathological Myopia. (4+1)
6. Describe the differential diagnosis of limbal nodule.
7. Describe the corneal manifestations and treatment of vernal catarrh. (3+2)
8. Describe the etiology, clinical features and treatment of Acute Follicular conjunctivitis. (1+2+2)
9. What are the types of Blepharitis? What are its complications? (2+3)
10. Describe the management of acute Iridocyclitis.
11. Describe various stages of Diabetic retinopathy.
12. Describe pathogenesis and clinical picture of iris bombe. (2+3)
13. Discuss the principles and objectives of National programme of control of Blindness. (2+3)
14. Mention effects of blunt trauma on the eye.
15. Enumerate the causes, clinical features and treatment of vitreous haemorrhage. (2+2+1)

Short Answer (Answer all)

3 × 10 = 30 Marks

16. Expand the term Nd-YAG LASER & write two indications of the same.
17. Define and classify Blindness according to WHO.
18. Mention the causes of Papilloedema.
19. Define chemosis and ecchymosis.
20. Mention three types of Staphylococci.
21. Mention stages of Chronic Dacryocystitis.
22. Name the routes of administration of drugs into the eyes.
23. Mention three causes for Nyctalopia.
24. Mention three causes of leucocoria?
25. What is Hutchinson's rule and its significance?

