

**Third Professional MBBS (Part I) Degree Supplementary Examinations  
June 2024**

**Ophthalmology  
(2019 Admission Only)**

Time: 3 Hours

Total Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

**Long Essays****(2x15=30)**

1. A 50-year-old farmer presents with pain, redness, watering, discharge and photophobia in the right eye since one week. He also complains of diminution of vision in the same eye since then. He gives history of trauma to the right eye with a sugar cane stick about 10 days back. On examination, there is conjunctival and circumcorneal congestion. Cornea is hazy with a central greyish white, dry looking lesion. The lesion has feathery edges and there are small infiltrates around the central lesion. Anterior chamber has a thick immobile hypopyon.
  - a) What is the probable diagnosis
  - b) What features support your diagnosis
  - c) What is the management of this condition
  - d) Which topical drug should be avoided in this condition
  - e) What are the complications if not treated
  - f) Mention the differential diagnosis
  - g) What are the preventive measures (1+2+4+1+3+2+2)
2. Discuss the etiology, clinical features, management and complications of lens induced glaucomas

**Short Essays****(5x8=40)**

3. Retinal detachment
4. Corneal transplantation
5. Ocular manifestations of diabetes mellitus
6. Vernal kerato conjunctivitis
7. Classification of Uveitis

**Short Answers/Diagrams****(5x4=20)**

8. Pterygium
9. Pseudophakia
10. Retinoblastoma
11. Draw and label the visual pathway
12. Draw and label the lacrimal drainage passages

**Precise Answers****(10x1=10)**

13. Two causes of night blindness
14. Two types of tonometers
15. Two types of ophthalmic ultrasound scan
16. Two causes for follicles in conjunctiva
17. Two causes of cherry red spot in retina.
18. Two causes of pupillary miosis
19. Two causes of reduced corneal sensation
20. Two causes of epiphora
21. Two types of Dacryocystorhinostomy
22. Mention two mydryatics