

**Third Professional MBBS (Part I) Degree Supplementary Examinations
August 2023**

**Ophthalmology
(2019 Scheme)**

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 38-year-old male with history of lower back ache presented with complaints of sudden redness, severe pain, photophobia, and decreased vision in right eye. Patient has h/o similar complains in the past and was treated for the same. On examination, right eye shows circumciliary congestion, miotic pupil, ciliary tenderness, and cloudy anterior chamber.
 - a) What is the probable diagnosis
 - b) Name two differential diagnosis of this condition
 - c) What are the important slit lamp examination findings in this condition
 - d) What are the investigations to be done for this condition
 - e) How do you treat this condition
 - f) What are the complications of this case if left untreated (1+2+3+3+4+2)
2. Classify glaucoma. Describe the clinical features, investigations and management of primary open angle glaucoma.

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

3. Ophthalmia neonatorum
4. Pterygium
5. Acute Dacryocystitis
6. Retinitis pigmentosa
7. Blunt trauma to the eye

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

8. Describe the layers of cornea with the help of a labelled diagram
9. Presbyopia
10. Papilledema
11. Staphylomas
12. Atropine

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

13. Two causes of nyctalopia
14. Two causes of vitreous haemorrhage
15. Two macular function tests
16. Two causes of ptosis
17. Two causes of binocular diplopia
18. Two types of corneal degeneration
19. Two causes of preventable blindness
20. Two signs of keratoconus
21. Two anti-fungal drugs
22. Two causes of colored haloes
