Third Professional MBBS (Part I) Degree Regular Examinations
February 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 55-years-old farmer sustained trauma with a stick to his right eye 2 weeks back. He complains of redness, pain, watering and diminution of vision in right eye. On examination, right eye shows circumciliary congestion, greyish white lesion with irregular margins on the cornea taking up positive fluorescein stain.
   a) What is the probable diagnosis
   b) What test should be done to confirm the diagnosis
   c) What ocular and systemic investigations should be done
   d) What is the management of this condition
   e) What are the complications of this condition if left untreated
   f) What is the differential diagnosis of this condition   (1+1+4+4+3+2)
2. Describe the signs, symptoms and management of acute congestive glaucoma.

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

3. Early complications of cataract surgery
4. Hypertensive retinopathy
5. Penetrating injury to the eye
6. Myopia
7. Vernal keratoconjunctivitis

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

8. Retinoblastoma
9. After-cataract
10. Lacrimal syringing
11. Draw and label Cross-section of upper eyelid
12. Draw and label Visual pathway

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

13. Two causes of gradual painless loss of vision
14. Two causes of diplopia
15. Two causes of foreign body sensation
16. Two causes for hypopyon
17. Two causes of leukocoria
18. Two classes of anti-glaucoma drugs
19. Two drugs causing mydriasis
20. Two types of tonometry
21. Two types of ultrasonography in eye
22. Two lacrimal sac surgeries

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