Q.P. Code: 301001   Reg. no.: …………………

Third Professional MBBS (Part I) Degree Supplementary Examinations
December 2021

Ophthalmology

Time: 2 Hours   Total Marks: 40

- *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*

Essay: (10)

1. A 60 years old male presents with painless progressive diminution of vision in both eyes for 2 years. On examination the distant visual acuity is 6/12 with a Double arcuate scotoma in each eye. Answer the following questions:
    - What is the most probable diagnosis
    - Describe the fundus changes in such a case.
    - Enumerate with the help of diagrams the other possible field defects in such cases.
    - Name the groups of drugs used in the medical management of this case with suitable examples.   (1+3+3+3)

Short notes: (4x3=12)

2. Define and describe the clinical features and management of complicated cataract.
3. Describe the clinical features and management of vernal conjunctivitis.
4. Discuss the clinical features and classification of non-proliferative diabetic retinopathy.
5. Discuss in brief the treatment options in myopia

Draw & Label: (2x2=4)

6. Vertical cross section of the upper eyelid.
7. Sturm's Conoid

Answer briefly: (5x2=10)

8. Describe the development of the lens
9. Mention the etiological types of hypermetropia
10. Mention four differences between papillitis and papilledema.
11. Describe the clinical features of keratomycosis
12. Discuss vision 2020

Give precise answers: (4x1=4)

13. Enumerate two causes of cherry red spot in macula".
14. Enumerate two distinguishing features of incomitant squint
15. Enumerate two features to differentiate preseptal cellulitis from orbital cellulitis
16. Enumerate two effects of blunt trauma on the iris

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