

OPHTHALMOLOGY

PAPER – I

OPH/APRIL/16/26/I

Time : 3 hours

Max. Marks : 100

Important instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1. Define Myopia. What are the complications of pathological myopia? Enlist the methods of correction of simple myopia including their advantages and disadvantages. 1+3+6
2. a) Lacrimal pump mechanism. 5+5
b) Clinical evaluation and investigations of epiphora.
3. Laboratory diagnosis of uveitis. 10
4. Antibiotics used in Ophthalmology and routes of administration. 10
5. Anatomy and embryology of crystalline lens. Write a note on its applied aspects. 6+4
6. Anatomy and embryology of the angle of the anterior chamber with diagram. Classify mechanism of primary angle closure with help of diagrams. 5+5
7. Clinical and impression cytology features of ocular surface disorders. 10
8. Pharmacokinetics of topical anti glaucoma drugs. 10
9. a) Physiology of accommodation with diagrams. 5+5
b) What are the methods of correcting presbyopia?
10. Define Low Vision. How would you examine a preschool child presenting with low vision? What are the modalities of visual rehabilitation and schooling for such a child? 1+5+4
