



OPHTHALMOLOGY

PAPER – I

Please read carefully the important instructions mentioned on Page '1'

- *Answers to questions of Part 'A' and Part 'B' are to be strictly attempted in separate answer sheet(s) and the main + supplementary answer sheet(s) used for each part must be tagged separately.*
- *Answers to questions of Part 'A' attempted in answer sheet(s) of Part 'B' or vice versa shall not be evaluated.*

PART B

6. a) Anatomy of the crystalline lens. 3+3+4
b) Its physiology and how it remains clear.
c) Its embryological development with suitable diagram(s).
7. Techniques, role, indications and advantages or 2+2+2+4
disadvantages of periocular and intraocular steroids.
8. a) Discuss the microbiological profile in infective 3+3+4
endophthalmitis with their antibiotic sensitivity profile.
b) Give doses and combinations of preferred intravitreal
antibiotics.
c) What is the normal ocular flora?
9. Draw labeled diagram(s) depicting walls of the orbit. Describe 3+3+4
in detail the medial wall of the orbit. Describe the applied
anatomy of the optic canal.
10. What is incidence and prevalence of a disease? How will you (2+2)+6
calculate sample size and plan survey for cataract blindness?
