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) Various types of eye movements. 5+5
   b) Various neuroanatomic pathways controlling eye movements.

7. a) What is contrast sensitivity? 2+4+4
   b) What are various methods to measure it?
   c) How do different types of intraocular lenses influence contrast sensitivity?

8. a) Aqueous humour dynamics. 5+5
   b) Vascular endothelial growth factors

9. a) What are various preservatives in eye drops? 4+(3+3)
   b) What are their side effects and how does one treat them?

10. a) Tests of significance 4+3+3
    b) Standard deviation
    c) Confidence interval

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