

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 | |
