

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 sheets and the main + supplementary answer sheets used for each part must be tagged separately.
- Answers to question(s) of Part A attempted in answer sheets of Part B or vice versa shall not be evaluated.

PART B

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| 6. | a) Blood Aqueous Barrier and Blood Brain Barrier. | 6+4 |
| | b) Clinical implications of both of these barriers. | |
| 7. | a) Principle of Goldmann Applanation Tonometry. | 5+5 |
| | b) Corneal Hysteresis. | |
| 8. | a) Retinoscopy - types & technique. | 1+3+3+3 |
| | b) Subjective correction (prescription of glasses) in patients aged 15 years and 50 years. | |
| 9. | a) Calculation of IOL power in children. | 5+5 |
| | b) Selection of IOL in children | |
| 10. | a) Pupillary pathway. | 5+5 |
| | b) Pathway for accommodation. | |
