

OPHTHALMOLOGY

PAPER – I

OPH/J/16/26/I

Time : 3 hours
Max. Marks : 100

IMPORTANT INSTRUCTIONS

- *This question paper consists of 10 questions divided into Part 'A' and Part 'B', each part containing 5 questions.*
- *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.*
- *Answer sheet(s) of Part 'A' and Part 'B' are not to be tagged together.*
- *Part 'A' and Part 'B' should be mentioned only on the covering page of the respective answer sheet(s).*
- *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:

PART A

1. a) Anatomy & development of crystalline lens and zonules. (4+4)+2
b) Enumerate congenital anomalies of lens.
2. a) Principle and optics of retinoscopy. 6+4
b) What are the problems of retinoscopy?
3. Blood supply of optic nerve head and intraorbital optic nerve with well-labeled diagrams, and highlight its clinical importance. 7+3
4. Anatomy and physiology of corneal endothelium. 5+5
5. Anatomy, biochemical composition and physiological roles of retinal pigment epithelium. 4+2+4

P.T.O.