

OPHTHALMOLOGY
PAPER-I

TIME: 3 HOURS
MAX. MARKS: 100

OPH/D/18/26/I

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 question(s) of Part A attempted in answer sheet(s) of part B or Vice versa shall not be evaluated.
- Answer sheets 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 sheets.
- 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) Electrophysiological basis of Electroretinography (ERG) 5+5
and Electro-oculography (EOG).
b) Clinical applications of ERG and EOG.
2. a) Anatomy and relations of the medial and lateral orbital 5+2+3
wall.
b) Indications of orbital decompression.
c) Common causes of severe bleed during external
dacrocystorhinorhaphy (DCR).
3. a) Types of afferent pupillary defect. 4+3+3
b) Causes of light-near dissociation.
c) Pharmacological tests for Horner syndrome.
4. a) Ultra-structure of the trabecular meshwork. 4+3+3
b) Mechanisms of aqueous formation.
c) Physiology of aqueous humour drainage through
trabecular meshwork.
5. a) Neural pathway for tear secretion by lacrimal gland. 3+4+3
b) Test for evaluation of tear film.
c) Etiopathogenesis of Sjogren syndrome.

P.T.O