

PATHOLOGY
PAPER-I

TIME: 3 HOURS
MAX. MARKS: 100

PATH/D/18/32/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) Laboratory approach to male infertility. 5+5
b) Applications of mass spectrometry in clinical laboratory.
2. a) Virtual autopsy (Virtopsy). 5+5
b) Role of complement in glomerular diseases.
3. a) Primary immunodeficiency disorders. 5+5
b) Exosomes.
4. a) Ancillary techniques in diagnosis of vesiculobullous skin lesions. 5+5
b) Role of immunohistochemistry in thyroid lesions.
5. a) Synovial fluid analysis. 5+5
b) Human diseases associated with occupational exposures.

P.T.O.