

**PATHOLOGY**  
**PAPER-II**TIME: 3 HOURS  
MAX. MARKS: 100

PATH/D/19/32/II

**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. Genetic predisposition to colorectal cancer. 10
2. a) EBUS -TBNA for diagnosis of lung lesions. 5+5  
b) Paris system of reporting urine cytopathology.
3. a) PD-L1 in cancer and its testing. 5+5  
b) Molecular diagnosis of tuberculosis.
4. a) Morphometry. 5+5  
b) CISH (Chromogenic in situ hybridization).
5. a) Utility of endoscopic GI brushings in the diagnosis of upper GI lesions. 5+5  
b) Toll like receptors.

P.T.O