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# PATHOLOGY PAPER-I

TIME: 3 HOURS MAX. MARKS: 100

PATH/D/19/32/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.	Role carcin			enes	and	tumour	suppressor	genes	ın	10
2.		Role of free radical injury in the pathogenesis of diseases.  Graft versus host disease.								
3.	,					ll cycle re f apoptos	•			5+5
4.	•	•	ohil Ext NAs ar			aps(NETs	).			5+5
5.	,		g effec		cell tra	ınsplantat	ion.			5+5