

**GENERAL SURGERY**

**PAPER-I**

TIME: 3 HOURS  
MAX. MARKS: 100

SURG/D/19/12/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) Describe the anatomy of the liver. 4+2+4  
b) Enumerate its functions.  
c) Discuss the implications of (a) and (b) in hepatic resections.
2. a) Describe the emergency care of a diabetic patient presenting with 5+5  
gastric perforation peritonitis.  
b) Describe the surgical complications caused by uncontrolled diabetes.
3. a) Describe the common firearms used. 2+5+3  
b) What is the mechanism of a firearm injury?  
c) Discuss the recent trends in managing such an injury to abdomen.
4. a) Discuss the concepts of immune response. 6+4  
b) Describe the immune-prophylaxis against tetanus.
5. a) Describe the levels of evidences in medical research. 6+4  
b) Discuss the role of Experimental Surgery Laboratory in Surgical Research.

**P.T.O.**