

**GENERAL SURGERY**  
**PAPER-I**TIME: 3 HOURS  
MAX. MARKS: 100

SURG/J/20/12/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 surgical anatomy of the anterior abdominal wall. 5+5  
b) Briefly discuss its importance in management of ventral hernia repair.
2. a) Outline the physiology of oesophageal motility. 3+7  
b) Describe pathophysiology, clinical features, diagnosis & treatment of achalasia cardia.
3. a) Describe the types of metabolic acidosis. 5+5  
b) Define lactic acidemia and discuss its management.
4. a) Describe the principles of radionuclide imaging. 5+5  
b) What are its application in general surgery?
5. a) Enumerate different types of surgical dressings. 2+4+4  
b) Describe the principles of their action.  
c) Give indications for the use of each type.

P.T.O

**GENERAL SURGERY**  
**PAPER-I**

**Please read carefully the important instructions mentioned on Page '1'**

- Answers to questions of Part A and part B are to be strictly attempted in separate answer sheets and the main + supplementary answer sheets used for each part must be tagged separately.
- Answers to question(s) of Part A attempted in answer sheets of Part B or vice versa shall not be evaluated.

**PART B**

- |     |   |       |
|-----|---|-------|
| 6.  | a) Briefly describe the initial management of head injury.<br>b) Discuss the indications of imaging, admission and ventilation in such a patient.   | 4+6   |
| 7.  | a) Describe the clinical assessment of a patient with pelvic fracture.<br>b) Enumerate various injuries which may occur in such a patient.<br>c) Discuss the management of haemorrhage in a patient with pelvic fracture. | 4+2+4 |
| 8.  | Discuss evidence based surgical practice and quality assurance.   | 5+5   |
| 9.  | a) Briefly describe the good practices to prevent development of antibiotic resistance.<br>b) Discuss the use of prophylactic antibiotics in general surgical practice.   | 5+5   |
| 10. | Discuss various methods for diagnosis of tubercular infection in general surgical patients.   | 10    |

\*\*\*\*\*