

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

TIME: 3 HOURS

SURG/D/20/12/I

MAX. MARKS: 100

IMPORTANT INSTRUCTIONS

- You are provided with 5 answer sheet booklets. Each individual answer sheet booklet consists of 10 pages excluding the covering jackets.
- This question paper consists of 10 short note questions. Question paper is divided into 5 Parts - A, B, C, D and E, each part containing 2 questions.
- Answers to questions of part A, part B, part C, part D & part E are to be strictly attempted in a separate answer sheet booklet which must be later tagged together at the end of the exam.
- No additional supplementary answer sheet booklet will be provided.
- Answers to question(s) attempted on an answer sheet booklet for a different part will not be evaluated.
- Part A/Part B /Part C/Part D/Part E should be mentioned on the covering page of the respective answer sheet booklet.
- 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.

**GENERAL SURGERY****PAPER-I****PART - A**

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Write short notes on:**PART - A**

1. a) Etiology and management of necrotizing fasciitis. (2+3)+5
b) Principles of wound debridement.
2. a) Fluid and electrolyte distribution in the body. 4+6
b) Management of fluid and electrolytes in high output gastrointestinal fistulas.

**GENERAL SURGERY****PAPER-I****PART - B**

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Write short notes on:**PART - B**

3. a) Effects of brain injury on intracranial pressure and cerebral blood flow. 4+6
b) Extradural hematoma.
4. Enumerate various postoperative respiratory complications and discuss their management. 10

**GENERAL SURGERY****PAPER-I****PART - C**

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Write short notes on:**PART - C**

5. a) Describe factors for chronic non healing wound. 4+6
b) Mechanism and benefits of negative pressure assisted wound therapy.
6. a) Pathophysiology of hemorrhage. 3+2+5
b) Enumerate different blood products.
c) What are the common complications of massive blood transfusion?

**GENERAL SURGERY****PAPER-I****PART - D**

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Write short notes on:**PART - D**

7. a) Discuss selection criteria and protocol for a day case surgery. 6+4
b) What is the discharge criteria in a day case surgery patient?
8. a) Advantages of minimal access surgery. 5+5
b) Limitations of laparoscopic surgery.

**GENERAL SURGERY****PAPER-I****PART - E**

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Write short notes on:

PART - E

9. a) Pathological changes that take place in malignant transformation of a cell. 7+3
b) Criteria and advantages for screening of a cancer.
10. a) Informed consent. 5+5
b) Sample size calculation for a research project.