

**ORTHOPAEDICS**

**PAPER-III**

TIME: 3 HOURS

ORTH/D/20/27/III

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.

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**PART- A**

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**Write short notes on:**

**PART- A**

1. a) Hospital / Biomedical Waste Disposal Management. 5+5  
b) Needle stick injuries.
2. a) Advance trauma life support (ATLS) concept. 4+6  
b) Principles of ATLS in management of polytrauma.

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**PART- B**

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**Write short notes on:**

**PART- B**

3. a) Tile's classification of pelvic injuries. 4+6  
b) Principles of treating Tile's Type B injury.
4. a) Frozen section in Orthopaedics. 5+5  
b) Extracorporeal irradiation in bone tumors.

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**PART- C**

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Write short notes on:

**PART- C**

5. a) Management of compartment syndrome in Proximal Tibia Fracture briefly. 5+5  
b) Describe steps of Lobenhoffer approach.
6. Classify gunshot injuries. Discuss management of gunshot injury to thigh with fracture shaft femur in an adult. 4+6

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**PART- D**

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Write short notes on:

**PART- D**

- |    |   |     |
|----|---|-----|
| 7. | a) Tension pneumothorax.  | 5+5 |
|    | b) Triage.  |     |
| 8. | Describe various methods to provide soft tissue cover for bare proximal tibia & knee joint. | 10  |

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**PAPER-III**

**PART- E**

TIME: 3 HOURS

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Write short notes on:

**PART- E**

- |     |   |     |
|-----|---|-----|
| 9.  | Describe incomplete traumatic spinal cord syndromes and their clinical features. What is ASIA classification? | 6+4 |
| 10. | Role of pre-operative embolization of blood vessels in Orthopaedic surgery. Illustrate with examples.         | 10  |