

**ORTHOPAEDICS**
PAPER-II

TIME: 3 HOURS

ORTHO/D/20/27/II

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.

**ORTHOPAEDICS****PAPER-II****PART- A**

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Write short notes on:

PART A

1. a) Discuss Denis 3 column stability concept in spinal injuries. 5+5
b) Describe patho-anatomy of flexion rotation injuries in lumbar spine.
2. Discuss role of High Tibial Osteotomy in osteoarthritis of Knee. 4+6
Compare its indication, outcomes, advantages, disadvantages with Uni-Compartment Knee Arthroplasty in Medial Compartment osteoarthritis.

**ORTHOPAEDICS****PAPER-II****PART- B**

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Write short notes on:**PART B**

3. a) General Principle of Arthrodesis. 5+5
b) Indications & disadvantages of Plantar Arthrodesis.
4. What is neglected fracture neck of the femur. How will you classify these injuries in adults? Enumerate various reconstructive surgical procedures recommended for such fractures. Describe the preoperative planning, and steps of valgus osteotomy. 1+3+3+3

**ORTHOPAEDICS****PAPER-II****PART- C**

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Write short notes on:**PART C**

5. Enumerate various round cell tumors of bone. How will you treat a case of Ewing tumor arising from lower end of the femur in a 15 year old boy? 4+6
6. Describe indications, advantages & disadvantages of Latarjet procedure in shoulder instability. 4+3+3

**ORTHOPAEDICS****PAPER-II****PART- D**

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Write short notes on:**PART D**

7. What is hinged abduction? Describe its management principles in Perthes disease in an adolescent (16 years old)? 3+7
8. Describe pathoanatomy of Lisfranc's injury. What are its key radiological signs on a plane radiograph? Describe management in a chronic Lisfranc injury? 2+3+5

**ORTHOPAEDICS**
PAPER-II**PART- E**

TIME: 3 HOURS

ORTHO/D/20/27/II

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Write short notes on:

PART E

9. a) Four column Classification in Proximal Tibia Fracture. 6+4
b) Raft Screw in Proximal Tibial fixation.
10. Classify Periprosthetic fractures of hip. Outline their management. 4+6