

**ORTHOPAEDICS**  
**PAPER-II**

TIME: 3 HOURS  
MAX. MARKS: 100

ORTHO/J/20/27/II

**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) Open book injury of pelvis. 5+5  
b) Give a flow chart of the management of urethral injury following fracture pelvis.
2. a) Neurogenic claudication and how to differentiate it from vascular claudication. 5+5  
b) Etiology, clinical features, investigations and diagnosis of lumbar canal stenosis.
3. a) What is Lewinnek safe zone concept in THA? 4+6  
b) Role of altered spinopelvic kinematics in hip instability & functional acetabular position.
4. a) What is hyper-mobility syndrome? 2+5+3  
b) Enumerate its pathognomonic diagnostic criteria.  
c) What is its role in management of shoulder instability?
5. a) Describe radiological classification of chronic osteomyelitis. 4+4+2  
b) What is the role of this classification in the management?  
c) Chronic recurrent multifocal osteomyelitis (CRMO).

**P.T.O**

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**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**

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|-----|--|-------|
| 6.  | Differential diagnosis, MRI findings and management outline for transient osteoporosis of the hip joint.   | 3+4+3 |
| 7.  | a) Gross histo-pathological and radiological features of aneurysmal bone cyst.<br>b) Differential diagnoses of aneurysmal bone cyst in a flat bone.<br>c) Outline the management of aneurysmal bone cyst of scapula in an adult. | 3+3+4 |
| 8.  | a) Clinical and radiological features of infantile tibia vara.<br>b) Indications of its treatment and brief treatment outline.   | 4+6   |
| 9.  | a) Anatomical basis of lateral pivot shift phenomenon.<br>b) Its clinical significance.  | 5+5   |
| 10. | a) Pseudo Trendelenburg test.<br>b) Ochronosis.  | 5+5   |

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