

ORTHOPEDICS

PAPER-II

TIME: 3 HOURS  
MAX. MARKS: 100

ORTHO/J/18/27/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) Sequelae of osteomyelitis in paediatric patients. 5+5  
b) Describe management of each sequela.
2. a) Classification of acetabular fracture. 3+3+4  
b) Describe necessary radiological views for diagnosis of acetabular fracture  
c) Surgical management of posterior column acetabular fracture.
3. a) Enumerate causes of painless limp. 2+2+6  
b) What is Perthes disease?  
c) Classification and management of Perthes disease.
4. a) Types of tourniquets used in orthopaedic surgery. 3+2+5  
b) Principles of usage of tourniquet.  
c) Complications of tourniquet in orthopaedic surgery and its management.
5. a) Types of proximal tibial osteotomies in children & adults. 4+3+3  
b) Indications and contraindications of high tibial osteotomy for O.A. Knee.  
c) Technique of high tibial osteotomy.

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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.  | a) Enumerate various deformities of rheumatoid hand                     | 3+7   |
|     | b) Management of deformities of rheumatoid hand.                        |       |
| 7.  | a) Classify periprosthetic fracture around total hip arthroplasty.      | 5+5   |
|     | b) Management of periprosthetic fracture around hip.                    |       |
| 8.  | a) Define claudication.   | 2+3+5 |
|     | b) Difference between vascular and neurological claudication.           |       |
|     | c) Management of a 60-year-old woman with lumbar canal stenosis.        |       |
| 9.  | a) Clinical, radiological features and management of giant cell tumour. | 6+4   |
|     | b) How to prevent & manage recurrence of giant cell tumour?             |       |
| 10. | a) What is dynamization?  | 5+5   |
|     | b) Describe its role in Orthopaedics using various implants.            |       |

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