ORTHOPAEDICS
PAPER – IV

Time : 3 hours
Max. Marks : 100

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 questions of Part ‘A’ attempted in answer sheet(s) of Part ‘B’ or vice versa shall not be evaluated.
• Answer sheet(s) 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 sheet(s).
• 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.

PART A

Write short notes on:

1. a) What is reverse shoulder arthroplasty?  
   b) How is it different from conventional shoulder arthroplasty? 5+5

2. a) RCT (Randomized controlled trial).  
   b) Instrumentation in spinal tuberculosis – rationale and indications. 5+5

3. Applications of MRI in diagnosis and management of spinal tumours. 10

4. Differentiate between:  
   a) Primary fracture healing and secondary fracture healing.  
   b) SACH foot and Jaipur foot. 5+5

5. a) Enumerate the bearing surfaces in total hip arthroplasty.  
   b) Advantages and disadvantages of each bearing surfaces. 2+8

P.T.O.
ORTHOPAEDICS

PAPER – IV

Please read carefully the important instructions mentioned on Page ‘1’

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- Answers to questions of Part ‘A’ attempted in answer sheet(s) of Part ‘B’ or vice versa shall not be evaluated.

PART B

Write short notes on:

6. a) Oncogenic osteomalacia. 5+5
   b) Autologous chondrocyte implantation.

7. Current concepts in the management of osteosarcoma. 10

8. a) DMARDs in rheumatoid arthritis. 5+5
   b) Local antibiotic delivery.

9. Current concepts in the management of skeletal metastasis. 10

10. a) Classify neglected femoral neck fracture in adult. 3+7
    b) Treatment with rationale in each type of neglected femoral neck fracture.