

ORTHOPAEDICS

PAPER – IV

ORTH/J/15/27/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? 5+5
b) How is it different from conventional shoulder arthroplasty?
2. a) RCT (Randomized controlled trial). 5+5
b) Instrumentation in spinal tuberculosis – rationale and indications.
3. Applications of MRI in diagnosis and management of spinal tumours. 10
4. Differentiate between: 5+5
a) Primary fracture healing and secondary fracture healing.
b) SACH foot and Jaipur foot.
5. a) Enumerate the bearing surfaces in total hip arthroplasty. 2+8
b) Advantages and disadvantages of each bearing surfaces.

P.T.O.

ORTHOPAEDICS

PAPER – IV

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 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.*

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. | |
