

ORTHOPAEDICS
PAPER-III

TIME: 3 HOURS
MAX. MARKS: 100

ORTHO/J/19/27/III

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) Antibiotic prophylaxis. 5+5
b) Operation theatre sterilization and antisepsis.
2. a) Role of embolization in orthopedic surgery. 4+3+3
b) Floor Reaction Orthoses.
c) Pseudo tumours.
3. a) Surgical anatomy of hip joint. 4+6
b) Enumerate the surgical approaches of the hip, mention advantages and disadvantages of each approach.
4. a) Kapandji technique. 3+3+4
b) Jaipur Foot.
c) Orthoses in developmental dysplasia of hip.
5. Principles of management including recent advances in the treatment of flail chest. 5+5

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. Indications and principles of pelvic osteotomies, and their merits & demerits. | 3+3+4 |
| 7. a) Lateral mass fixation technique.
b) Proximal fibular osteotomy.
c) Medial collateral ligament injury in total knee arthroplasty. | 3+3+4 |
| 8. Clinical and radiological features and management of aneurysmal bone cyst of distal femur. | 2+2+6 |
| 9. a) Corticotomy.
b) Custom mega prostheses.
c) Balloon kyphoplasty. | 3+3+4 |
| 10. a) Skin grafts.
b) Fasciocutaneous and musculocutaneous flaps.
c) Free flaps. | 3+4+3 |
