

**ORTHOPAEDICS**  
**PAPER-IV**

TIME: 3 HOURS  
MAX. MARKS: 100

ORTHO/D/18/27/IV

**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. Define surgical site infection (SSI). Describe the current WHO guidelines for prevention of SSI? 3+7
2. Describe the biomechanics of ankle joint. Describe the current status of total ankle arthroplasty. 4+6
3. Define drug resistant bone & joint tuberculosis. Describe the case identification, and broad principles of treatment. 3+(3+4)
4. Define femoro-acetabular impingement. Describe the investigations, types and their management. 2+(3+2+3)
5. Describe in brief, the principles of limb salvage surgery in musculoskeletal tumours. What are the patients not suitable for this procedure? 7+3

P.T.O