



ORTHOPAEDICS

PAPER – I

ORTH0/J/14/27/I

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

1. Describe the stages of fracture healing. List the factors influencing the fracture healing. What are the causes of nonunion? 4+4+2
2. Define peak bone mass. What factors affect attaining peak bone mass? How does it correlate with osteoporosis? 2+4+4
3. Describe the principles of ultrasonography. Discuss its clinical use in Orthopaedic practice. 4+6
4. Write briefly the current presentation and treatment strategies in MRSA infection. Briefly mention about its evaluation. (3+5)+2
5. Describe the potential spaces of hand. Discuss clinical features and treatment of deep space infection of hand. 4+(2+4)