

ORTHOPEDICS
PAPER-ITIME: 3 HOURS
MAX. MARKS: 100

ORTHO/D/19/27/I

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. Describe the composition of bone? Enumerate the various cells found in the bone and describe their function. Describe Haversian system of the bone with suitable diagram. 2+(2+3)+3
2. Define osteomalacia. Describe its etiopathogenesis, clinical features and management. 2+(2+3+3)
3. Classify chronic osteomyelitis. Describe its etiology, pathology, clinical features and management. 2+(2+2+2+2)
4. Discuss the causes of nonunion of fractures. Describe various types of nonunion? Discuss various modalities used to diagnose nonunion. 4+2+4
5. Define Crush syndrome. Describe its pathology, clinical features and management. 2+(2+3+3)

P.T.O.