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) Gene therapy in Orthopaedics.  
   b) Induced membrane formation to cover bone defects.  
   5+5

2. What are commonly used absorbable sutures in Orthopaedics? Compare their properties.  
   3+7

3. What is “Sandwich technique”? Describe the technique in the management of giant cell tumour of distal end of radius.  
   3+7

4. Indications, positioning, portals and complications of hip arthroscopy.  
   3+2+2+3

5. Role of bisphosphonates in the management of osteoporosis and their complications.  
   4+6