



ORTHOPAEDICS

PAPER – IV

ORTHO/D/14/27/IV

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

Write short notes on:

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

