

ORTHOPAEDICS

PAPER – I

ORTHO/D/16/27/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.*

Write short notes on:

PART A

1. a) Physiology of calcium metabolism. 4+2+4
b) Role of PTH in calcium metabolism.
c) Tabulate the biochemical differences between renal tubular and glomerular rickets.
2. a) Ganga score. 5+5
b) Vacuum assisted closure of wounds.
3. Pathophysiology, clinical features and management of septic arthritis of hip in a neonate. 3+3+4
4. a) Use of Plaster of Paris in orthopaedics and precautions in applying hip spica. 6+4
b) Principles of functional cast bracing.
5. a) Types of bone grafts 5+5
b) Principles of bone banking.

P.T.O.