

ORTHOPAEDICS

PAPER – I

ORTHO/D/17/27/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. Define gait. 1+3+3+3
b. Outline phases of gait.
c. Define eccentric & concentric muscle contraction.
d. Give one example of each contraction in the gait cycle.
2. a. Types of Brachial Plexus injuries around birth, 3+1+2+4
b. Mechanism of causation,
c. Clinical features in a new born &
d. Management of a neglected / undiagnosed Erb's palsy in a 3 year old child.
3. a. Level of Syme's amputation. 1+4+3+2
b. Merits & demerits of Syme's amputation.
c. Modification of Syme's amputation.
d. Prosthetic management after Syme's amputation.
4. a. Classification of congenital scoliosis. 4+6
b. Treatment guidelines in young children with adequate growth potential.
5. a. What is Virchow's triad? 3+3+4
b. Enumerate the risk factors for developing deep vein Thrombosis (DVT).
c. Prophylactic treatment for DVT.

P.T.O