

ORTHOPAEDICS

PAPER – III

ORTH/J/15/27/III

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) Classify tibial plateau fractures. 2+8
b) Mechanism of injury, evaluation and treatment of each type.
2. a) Spinal cord injury without radiographic abnormality (SCIWORA). 5+5
b) Hangman's fracture.
3. a) Define compartment syndrome. 2+(2+2+4)
b) Clinical features, investigation and management of acute compartment syndrome of leg.
4. a) Mechanism of injury of "Unhappy triad of O'Donoghue" 3+7
b) Outline the management of chronic ACL insufficiency in a young athletic.
5. a) Ligamentotaxis. 5+5
b) Classification of fracture of distal end of radius.

P.T.O.

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Please read carefully the important instructions mentioned on Page ‘1’

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PART B

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| 6. | Classify periprosthetic femoral shaft fractures after total hip arthroplasty and their treatment options. | 4+6 |
| 7. | a) Classify calcaneal fractures.
b) Management principles and complications of calcaneal fracture. | 2+(5+3) |
| 8. | a) Mangled Extremity Severity Score.
b) Ganga Score. | 5+5 |
| 9. | a) Pulseless pink hand following a supracondylar fracture of humerus in a child.
b) Hoffa’s fracture. | 5+5 |
| 10. | a) Enumerate the causes of rupture of Achilles tendon.
b) Diagnosis and treatment of a fresh case of rupture of Achilles tendon in a 60 year old patient. | 3+(3+4) |
