

ORTHOPAEDICS

PAPER – I

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

- *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.*

PART B

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| 6. | a) Define osteoporosis. How will you assess for osteoporosis? | 5+5 |
| | b) Principles of management of fragility (osteoporotic) fractures of long bones. | |
| 7. | a) Histology of growth plate. | 3+3+4 |
| | b) Factors causing growth disturbance. | |
| | c) Principles of guided growth modulation. | |
| 8. | a) Radiological features for the diagnosis of tuberculosis of spine. | 5+5 |
| | b) Radiological features of scurvy and rickets. | |
| 9. | a) Blood supply of femoral head in various age groups. | 6+4 |
| | b) Role of Virchow’s triad in the pathogenesis of DVT. | |
| 10. | a) Clinical features of chronic painful mid portion tendinopathy of Achilles tendon. | 5+5 |
| | b) Role of plantaris tendon in the pathogenesis of this condition; with special emphasis on anatomy of plantaris tendon. | |
