

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) Clinical features and pathophysiology of Slipped Capital Femoral Epiphysis (SCFE). | 4+2+4 |
| | b) What could be the medical conditions associated with it? | |
| | c) What is the difference in the radiological picture of Delbet type-I fracture neck femur and SCFE? | |
| 7. | a) Pathophysiology of venous thromboembolic disease in patients with skeletal trauma. | 5+5 |
| | b) Discuss the chemical prophylaxis options, with pros and cons of each modality. | |
| 8. | a) What is the “watershed zone” of the spinal cord? | 2+3+5 |
| | b) Draw a cross section of the spinal cord in the dorsal region. | |
| | c) Stages of Pott’s paraplegia in a typical paravertebral lesion based on the anatomy of tracts. | |
| 9. | a) What is Scapular Dyskinesia? | 4+6 |
| | b) Its role in Rotator Cuff Impingement Syndrome. | |
| 10. | a) Outline the biomechanical principles of total knee replacement. | 5+5 |
| | b) Gap Balancing Technique. | |
