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

6. a) Clinical features and pathophysiology of Slipped Capital Femoral Epiphysis (SCFE).
   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.
   b) Discuss the chemical prophylaxis options, with pros and cons of each modality.

8. a) What is the “watershed zone” of the spinal cord?
   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?
   b) Its role in Rotator Cuff Impingement Syndrome.

10. a) Outline the biomechanical principles of total knee replacement.
    b) Gap Balancing Technique.