

SPINE SURGERY
THEORY PAPER

Time : 3 hours

Max. Marks : 100

**Attempt all questions in order.
Each question carries 10 marks.**

Write short notes on:

1. Describe the pathogenesis of SCIWORA. What are the principles of its management? 5+5
2. What is seronegative spondyloarthropathy? Describe the management protocol of seronegative spondyloarthropathy. 2+8
3. Describe management of multiple myeloma including recent advances. 6+4
4. a) CBNAAT. 5+5
b) Thoracic outlet syndrome.
5. Describe the management of Pott's paraplegia. 10
6. A tetraplegic patient develops an L2–L3 destructive spinal lesion 10 years after a C5–C6 fracture-dislocation. Workup reveals no evidence of a spinal tumor or infection. What is the most likely cause of this lesion? Describe its management. 5+5
7. Classify and describe grading of Cervical Spondylo Myelopathy(CSM). How will manage a patient with CSM with 3 level discal pathology with reverse lordosis? 5+5
8. What is early onset and late onset scoliosis? Describe the management protocol of congenital scoliosis of a 3-year-old child. 2+8
9. What is the most common tumor of the spine? Which malignancies most commonly metastasis to the spine in descending order of frequency? Describe the steps in evaluation of a patient with suspected metastatic Spinal lesion. 1+2+7
10. a) Giant cell tumor of the spine. 5+5
b) Osteochondroma of spine.
