

**[Time: 3 Hours]****[Max. Marks: 100]****SPINE SURGERY - PAPER – II****QP Code: 4228**

Your answers should be specific to the questions asked  
Draw neat labeled diagrams wherever necessary

**Answer All The Questions****10 X 10 = 100 Marks**

1. Classify and write briefly on management of metastatic tumours in spine
2. Write briefly on motion preserving surgery in lumbar spine
3. Write briefly on cervical disc arthroplasty
4. Write briefly on Endoscopic Lumbar Discectomy
5. Write briefly on Adult Isthmic Spondylolisthesis – Pathophysiology and Management
6. Write notes on Management of Adolescent Idiopathic Scoliosis
7. Write notes STEM Cell therapy in Spine Surgery
8. Write notes on Pyogenic Vertebral Osteomyelitis and Discitis
9. Write briefly on
  - a. Cervical Instability in Down's Syndrome
  - b. Anomalies Odontoid
10. Write notes on Scheuermann's Disease evaluation and management

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