

[Time: 3 Hours]**[Max. Marks: 100]****SPINE SURGERY - PAPER – I****QP Code: 4227**

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. Explain about the origin of spinal pain and add a note on Neurogenic Claudication
2. Write briefly on
 - a. Electro-diagnosis in spine surgery
 - b. CT Myelogram in spine surgery
3. Indications, contraindications and complications of cervical injection therapy
4.
 - a. Posterior approach – Occiput to C3
 - b. Anterior approach to C1 to C3
5. Write briefly on minimally invasive approach to lumbar spine surgery
6. Rehabilitation of paraplegics and quadriplegics in spine surgery
7. Halo vest immobilization and cervical Orthosis in adult and paediatric patients
8. Bony anomalies of cervico vertebral junction
9. Write notes on
 - a. Posterior C1-C2 fusion – Harms and Magerl technique
 - b. Cervical Spine Lateral Mass Screw fixation
10. Classify Sacral fractures and associated spino-pelvic injuries

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