

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. What are different osteotomies of spine in dorsolumbar area? Describe fundamental difference and surgical steps of Ponte and Smith Peterson Osteotomies. 4+6
2. Classify sacral fractures. What are the treatment options for type II sacral fractures? What are the indications of Lumbopelvic fixation? 3+4+3
3. Describe the management Chordoma of Sacral vertebre. 10
4. Describe medical management of osteoporosis in a 65-year-old female with osteoporotic compression fracture of L2 without neurological deficit. 10
5. a) Massive hemothorax. 5+5
b) Autonomic bladder.
6. Classify pressure injury. Describe management of grade IV pressure injury. 6+4
7. What are the differential diagnosis of tubercular spondylodiscitis? Describe the management of fungal spondylodiscitis. 4+6
8. Describe Lenke classification of Adolescent Idiopathic Scoliosis? Describe management of Lenke 5 Adolescent Idiopathic Scoliosis. 5+5
9. a) Citation index. 5+5
b) Impact factor.
10. Describe surgical steps of: 5+5
a) Approach OLIF.
b) Anterior Cervical Spine Approach Occiput to C3.
