

# Rajiv Gandhi University of Health Sciences, Karnataka

## Fellowship Examination – 13-Sep-2022

**[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 briefly the principle and biomechanics of spine.
2. Write briefly on different types of shock. Clinical features and management of Neurogenic shock.
3. Outline various radiological investigations in patients with Osteoporosis management osteoporosis D12 compression fracture.
4. Describe the anatomy of CV junction. Explain the types evaluation and management of Atlanto Axial Dislocation.
5. Describe mechanism of injury, classification and treatment of Hangman's Fracture.
6. Describe briefly on Osteotomies of Spine in Ankylosing Spondylitis.
7. Discuss the anatomy and Biomechanics of Inter vertebral disc and briefly. Describe the treatment of lumbar disc extrusion and write shortly on recent trends in the management of Prolapsed Intravertebral disc.
8. Write briefly on classification of fracture spine management of Thoracic Lumbar Vertebral fracture.
9. Write notes on evaluation of Lumbar Axial Pain.
10. Histological changes following successful bone graft.

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