

**QP Code:101181**

**Reg.No.:.....**

**P.G. Diploma Supplementary Examinations in Orthopaedics (D.Ortho) –  
November 2016**

**Paper I - Basic Sciences Applied to Orthopaedics & Traumatology**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions*
- *Draw diagrams wherever necessary*

**Essays:**

**(20)**

1. Discuss the structure of the intervertebral disc. What are the changes that occur in disc degeneration. What is the pathophysiology of disc prolapse.

**Short essays:**

**(8x10=80)**

2. Pharmacological treatment of acute spinal cord injury
3. Metal on metal bearings
4. Effect of parathyroid hormone on bone metabolism
5. Methicillin resistance staphylococcus aureus
6. Diagnosis of osteoporosis
7. Chronic recurrent multifocal osteomyelitis
8. Components of normal gait
9. Pathology of chondrosarcoma.

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