

**QP Code:101113**

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

**PG Degree Examinations in Physical Medicine & Rehabilitation (MD) -  
May 2014**

**Paper I – Basic Sciences as Applied to Physical Medicine & Rehabilitation**

**Time: 3 hrs**

**Max marks:100**

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

**Essays:**

**(20)**

1. Describe the mechanism of pain perception, and how it can be modulated by behavioural, therapeutic and pharmacological means, with specific reference to cervical radiculopathy.

**Short essays:**

**(10x8=80)**

2. Anatomy of spinal tracts at the cervico-thoracic level
3. Innervation of the bowel
4. Physiology of nerve conduction
5. Team approach and methods to foster it in a rehabilitation setup
6. Classification of anti-hypertensive drugs
7. Deep vein thrombosis
8. Evaluation of scoliosis
9. Coagulation disorders

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