

**QP Code: 101113**

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

**PG Degree Examinations in Physical Medicine & Rehabilitation (MD)  
April 2019**

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

**Time: 3 hrs**

**Max marks:100**

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

**Essay:**

**(20)**

1. Explain with a labelled diagram of the pain pathway, the gate control theory of pain and describe dissociate anaesthesia.

**Short essays:**

**(8x10=80)**

2. Newer NSAIDs
3. Rheumatoid factor
4. Superficial and deep venous system of lower limbs.
5. Anticholinergics medications and its uses
6. Synovial fluid
7. Facial nerve
8. Calcium metabolism
9. Ejection fraction

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