

QP Code: 101113

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Physical  
Medicine & Rehabilitation (MD) July 2023**

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

**Time: 3 hrs**

**Max marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay:**

**(20)**

1. Describe the physiology and disorders of micturition. What is the present understanding of the bladder receptors.

**Short essays:**

**(8x10=80)**

2. Physiology of muscle contraction.
3. Classification of anti-hypertensive medication.
4. Learning disorders.
5. Plantar fasciitis.
6. Mechanisms of neuroplasticity.
7. Shoulder impingement syndrome.
8. Juvenile idiopathic arthritis.
9. Classification of nerve injuries.

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