

QP Code: 101113

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Physical
Medicine & Rehabilitation (MD) May 2021**

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. Discuss the normal physiology and pathophysiology of micturition in spinal cord injury at different levels of the cord.

Short essays:

(8x10=80)

2. Calcium and phosphorus metabolism.
3. Baclofen
4. What are the various physiological changes that occur with old age. How these are relevant in the rehabilitation management of the geriatric patient.
5. Intrathecal baclofen.
6. Imipramine and its relevance in PMR practice.
7. Applied anatomy of arches of foot.
8. Pulmonary function tests.
9. Isokinetic exercises.
