

PG Degree Supplementary Examinations in Physical Medicine & Rehabilitation (MD) January 2024

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 neuroanatomy of the spinal cord and its relevance in spinal cord injuries (SCI). Explain the various levels of SCI and their corresponding motor, sensory, and autonomic impairments.

Short essays:

(8x10=80)

2. Pain perception pathways.
3. Determinants of Gait
4. Rotator cuff Tears.
5. Neurogenic Claudication.
6. Muscle fibre types and functions.
7. Pulmonary function tests.
8. Muscular Dystrophy
9. Opioids in chronic pain Management
