

QP Code:102113

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Physical
Medicine & Rehabilitation (MD) November 2025**

**Paper II - Physical Medicine Including Physical Modalities, Biomedical
Instrumentation and Prosthetic and Orthotics**

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. 45 year lady who is a software engineer presents to you with multiple region chronic pain in the upper and lower back. She is a known diabetic and has sleep disturbances. How will you assess and manage her pain. Explain Gate Control Theory of pain and principle of therapeutic IFT application.

Short essays: (8x10=80)

2. Tarsal tunnel syndrome
3. NIH stroke scale
4. Floor reaction orthosis
5. Thermosetting vs thermoplastic material
6. Functional electrical stimulation in footdrop
7. Electrodiagnostic study in Myopathy
8. SACH foot
9. Crutch gaits
