

QP Code:102113

Reg. No.:.....

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

**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. Enumerate gait deviations in trans-femoral amputee person, amputee causes, prosthetic causes and the necessary corrections.

**Short essays:**

**(8x10=80)**

2. Cryotherapy and its uses
3. Boston brace
4. Myoelectric prosthesis
5. Pes planus evaluation and management
6. Physiological effects of heat in therapy
7. Dynamic hand splints
8. Hydrotherapy and its uses in PM&R
9. Treadmill testing.

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