

QP Code:102113

Reg. No.:.....

PG Degree Supplementary Examinations in Physical Medicine & Rehabilitation (MD) December 2020

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. Discuss the clinical features, etiology and radiological finding in young girl with scoliosis and add a note on the biomechanical principles employed in the use of orthosis to halt the curve progression.

Short essays:

(8x10=80)

2. Periarthritis shoulder
3. Functional electrical stimulation
4. Diabetes and exercise
5. Reciprocating gait orthosis
6. Wheel chair control for a person with C₆ level quadriplegia
7. Plyometric exercise in sports
8. Radial nerve palsy
9. Volkmann's ischemic contracture and its management.
