

PG Degree Examinations in Physical Medicine & Rehabilitation (MD)
April 2018

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

Time: 3 hrs

Max marks:100

- ***Answer all questions***
- ***Draw diagrams wherever necessary***

Essay:

(20)

1. What are the weight relieving orthoses for the lower extremity. Discuss the principles of weight relief provided by them including their indications, contraindications and design factors.

Short essays:

(8x10=80)

2. Tennis elbow.
3. Posterior leaf spring orthosis.
4. Plantar fasciitis.
5. Anterior compartment syndrome.
6. Interferential current therapy.
7. Ulnar nerve palsy.
8. Training of athlete after repair of anterior cruciate ligament injury in the knee.
9. Wheel chair controls for a person with C₄ level tetraplegia.
