



NF-M2011140

Seat No. _____

Master of Physiotherapy Examination

January – 2017

**Physiotherapy In Musculoskeletal Conditions & Sports
(Elective-I)**

Time : **3** Hours]

[Total Marks : **100**

- Instructions :
- (1) The answers should be specific to the questions asked.
 - (2) The answers should have clinical reasoning and be evidence based.
 - (3) Draw neat labelled diagrams wherever necessary.
 - (4) Answer all the questions.

Long essay

2×20=40

- 1** Delineate the abnormal components of gait cycle in lumbo-sacral dysfunction. Describe the PT analysis of the gait and treatment for the correction of it.
- 2** Describe in detail about the impingement syndrome of shoulder. Delineate the advanced PT management protocol for it.

Short essay

6×10=60

- 1** SNAG and Reversed SNAG technique for cervical head ache.
- 2** Describe the stress sharing and stress shielding principle involved with orthopedic implants. How it helps the therapist in training the patient?
- 3** Write in detail about environmental interaction in human movement. Delineate the ergonomics in industrial background.

- 4 Describe in detail about the role of disability evaluation in assessment of locomotor impairments.
- 5 Role of physiotherapists in geriatric rehabilitation.
- 6 Pathomechanics for recurrent subluxation of shoulder and therapeutic biofeed back for it.
