



ML-M2011140

Seat No. _____

Master of Physiotherapy Examination

January - 2018

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

Time : **3 Hours**]

[Total Marks : **100**

- Instructions :**
- (i) The answers should be specific to the questions asked.
 - (ii) The answers should have clinical reasoning and be evidence based.
 - (iii) Draw neat labelled diagrams wherever necessary.
 - (iv) Answer all the questions.

Long Essays :

2×20=40

- 1** Write in detail, the various fitness and performance tests, and add a note of footwear evaluations for athletes.
- 2** Describe in detail, the McKenzie therapy for a 28 year old female diagnosed as cervical derangement syndrome 4.

Short Essays

6×10=60

- 3** Explain kinetic and kinematic analysis, with five examples for each.
- 4** Explain in detail, the physiotherapy management for adhesive capsulitis.
- 5** Describe the pre and post surgical management of total knee arthroplasty.
- 6** Explain the role of physiotherapy and rehabilitation for a shoulder disarticulation amputee.
- 7** Explain nutrition and doping in football players.
- 8** Explain in detail the physiotherapy management and hand rehabilitation for a patient with crush injury of the dominant hand.