



**NH-M2011143**

Seat No. \_\_\_\_\_

**Master of Physiotherapy Examination**

**January – 2017**

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

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 labeled diagrams wherever necessary.
  - (4) Answer all the questions.

**1 Long essay : 2×20=40**

- (1) Delineate the pathophysiology of pain. Describe the role of biopsychosocial and disablement conceptual models in pain management in musculoskeletal conditions.
- (2) Describe in detail about the prevention of athletic injuries. Delineate the advanced PT management of sports injuries.

**2 Short essay : 6×10=60**

- (1) Role of WADA and NADA in preventing Doping. Explain the various doping methods.
- (2) Explain in detail about the pre competition meal. Importance of carbohydrate loading.
- (3) Female athletic triad.
- (4) Fitness testing of various energy systems in the field situation.
- (5) Sports taping for lateral ligament injury of ankle after 72 hour of injury.
- (6) Different principle involved in sports training. Describe the various training methods used in aerobic training.