



**NF-M2011139** Seat No. \_\_\_\_\_

**Master of Physiotherapy Examination**  
**January – 2017**  
**Physiotherapy in Neuromuscular Conditions**  
**(Elective-1)**

Time : 3 Hours]

[Total Marks : 100

**Instruction :** All questions are compulsory.

- 1 Discuss in detail about the various scales used to assess voluntary control of extremities. **20**
- 2 Explain about various treatment strategies to improve static and dynamic postural control along with relevant evidence. **20**
- 3 Short notes : **6×10=60**
  - a. Discuss the treatment strategies for management of abnormal gait patterns in patient with extensor synergy of L.L.
  - b. Describe the physiotherapy management of fatigue in patient with multiple sclerosis.
  - c. Enumerate the various causes of spinal cord injury.
  - d. Discuss the technique for assessment of superficial sensations.
  - e. Role of Functional Electrical Stimulation in management of peripheral nerve injury.
  - f. Quote atleast 4 recent advances in the management of spasticity.