



**MJ-M2011138**

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

**Master of Physiotherapy Examination**

**January – 2018**

**Advanced Physiotherapeutic : Part - I & 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. Add a note on evidence based clinical practice in the selection of PT-modalities in pain management..
- (2) Explain the conceptual model in Derangement syndrome in lumbar spine and its management principles on the basis of mechanical diagnosis and therapy.

**2 Short Essay : 6×10=60**

- (1) Describe the various post natal exercises and precautions in maternal and child health care.
- (2) Describe in detail about the different tendon transfer surgical procedures to stabilize the M.C.P joints and thenar palsy after the median nerve injury at the level of wrist and its P.T management after the procedure.
- (3) Explain how regular physical activity reduces coronary heart disease risk and delineate the exercise prescription for hypertension.
- (4) Describe in detail about the role of physiotherapist in I.C.U.

- (5) Explain in detail about the physiological basis behind the motor learning and recovery of function.
  - (6) Explain the neuro- physiology behind proprioceptive neuromuscular facilitation add a note on the various techniques used for the rehabilitation.
-