

Total No. of Printed Pages – 2

SS/MPT-I/P-II/1-15

2015

(January)

MASTER OF PHYSIOTHERAPY
(1st Year)

Paper II

Full Marks : 100

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

Answer **all** questions

1. Elaborate the physiological and biochemical reactions occurring in the muscle in response to electrical stimulation. Add a note on the recent advancement of the same. 20
2. Give the detailed evaluation of an obese individual and add the strategies implemented for weight control. 20

(Turn Over)

(2)

3. Answer in short

10 × 6 = 60

- (a) Write the biomechanics of respiration and its applied aspects.
- (b) Define gait. Explain the methods of kinetics and kinematic investigation of gait.
- (c) Briefly state how the performance of a sportsperson is influenced due to environment.
- (d) What are the responses of various systems to exercise and training?
- (e) Write briefly about anthropometric measurements.
- (f) Explain the biomechanical principles of soft tissues.

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