



[LG 751]

APRIL 2015

Sub. Code: 8151

MASTER OF PHYSIOTHERAPY (MPT) DEGREE EXAMINATION

FIRST YEAR

(Common to all Branches)

PAPER I – APPLIED BASIC SCIENCES

Q.P. Code: 278151

Time: Three Hours

Maximum: 75 marks

Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. Biomechanics and Pathomechanics of vertebral column.
2. Explain about the Research Designs, Experimental Designs and Non-Experimental Designs.

II. Write notes on:

(7 x 5 = 35)

1. Theory in Physiotherapy Research.
2. Measurement tools in Physiotherapy Research.
3. Pathomechanics of Ankle joint.
4. Biomechanics of Elbow joint.
5. Pathomechanics of Chest wall.
6. Integrated Functions in Gait.
7. Job analysis.
8. Work Hardening Programme.
9. Inversion of Muscle Action.
10. Functional adaptation of bone under pathological conditions.
