



[KY 751]

MAY 2011

Sub. Code: 8151

MASTER OF PHYSIOTHERAPY (MPT) DEGREE EXAMINATION

FIRST YEAR

(Common to all Branches)

New Regulations : For candidates admitted from 2010-2011 onwards

PAPER I – APPLIED BASIC SCIENCES

Q.P. Code: 278151

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

Draw suitable diagrams where ever necessary

I. Elaborate on:

(2 x 20 = 40)

1. Explain the scales of measurements with physiotherapeutic examples for each scale.
2. Pathomechanics of skeletal muscles.

II. Write notes on:

(10 x 6 = 60)

1. Role of arm in maintaining body Equilibrium.
2. Exercise at different altitudes.
3. Doping.
4. Ergonomics.
5. Validity.
6. Experimental Research design.
7. Principles of training.
8. Pathomechanics of Antalgic gait.
9. Isometric Training.
10. Closed kinetic chain.
