

[LC 751]

APRIL 2013

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: 100 marks****Answer All questions****I. Elaborate on:****(2 x 20 = 40)**

1. Explain about the arches of the plantar vault and its pathomechanics.
2. Explain about the sources of review of literature and its uses in a research.

II. Write notes on:**(10 x 6 = 60)**

1. Acclimatization.
2. Job analysis.
3. Nutation and counter nutation.
4. Effects of regular exercise on c.v.s.
5. Industrial therapy team.
6. Scales used to classify data.
7. Neuro muscular fatigue.
8. Inversion of muscular action at hip.
9. Energy expenditure during walking and running.
10. Ergonomical modifications for a software Professional.
