

[LD 751]

OCTOBER 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. Biomechanically analyze forces acting at the hip joint and its pathomechanical variations in coxa vara.
2. Discuss in detail back injury prevention strategies.

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

1. Type I & II Error.
2. Swan Neck Deformity.
3. Abstract.
4. DOMS.
5. Body Surface Area (BSA).
6. Work Conditioning.
7. Review of Literature.
8. General training principles.
9. Precompetition Meal.
10. Plyometrics.
