

[LC 752]

APRIL 2013

Sub. Code: 8152

MASTER OF PHYSIOTHERAPY (MPT) DEGREE EXAMINATION**FIRST YEAR****(Common to all Branches)****PAPER II – PHYSIOTHERAPEUTICS*****Q.P. Code: 278152*****Time: Three Hours****Maximum: 100 marks****Answer All questions****I. Elaborate on:****(2 x 20 = 40)**

1. Phases of healing process and the guidelines, indications, contraindications for using therapeutic modalities.
2. The principles, indications, contraindications and method of application of Butler's neural mobilization technique for the upper limbs.

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

1. Types of resistance exercise.
2. Evidence based clinical application of stretching.
3. Variations of Muscle Energy Technique.
4. Balance training.
5. Physiological and technical variables affecting the nerve conduction study.
6. Properties of Water and its clinical significance.
7. Single-Fibre electromyography.
8. Russian Currents.
9. Biomechanical principles in Manual therapy.
10. Kinesiological EMG
