

[LE 752]

APRIL 2014

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

1. The basic physics, physiological, therapeutic effects, techniques, indications, contraindications and evidence based clinical application of therapeutic ultrasound.
2. The McKenzie method of spinal pain management.

**II. Write notes on:****(7 x 5 = 35)**

1. The Slump test.
2. Low-Intensity stimulators (LIS).
3. Mulligan's mobilizations with movements (MWMs).
4. Proprioceptive Neuromuscular Facilitation stretching.
5. Common aerobic exercises and its effects on the spine.
6. Neurophysiological assessment of Brachial plexus lesions.
7. Principles of Stabilization training.
8. Electrical properties of tissues.
9. Normal motor unit potential.
10. EMG Biofeedback.

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