

[KY 752]

MAY 2011

Sub. Code: 8152

MASTER OF PHYSIOTHERAPY (MPT) DEGREE EXAMINATION**FIRST YEAR****(Common to all Branches)****New Regulations : For candidates admitted from 2010-2011 onwards****PAPER II – PHYSIOTHERAPEUTICS*****Q.P. Code: 278152*****Time: Three Hours****Maximum: 100 marks****Answer ALL questions****Draw suitable diagrams where ever necessary****I. Elaborate on:****(2 x 20 = 40)**

1. Describe the types of McKenzie's syndromes, use of repeated movements in McKenzie's method of spinal examination and explain the treatment principles for derangement syndrome.
2. Explain the physical parameters ,physiological effects & contraindications for faradic current stimulation. Enumerate the method of reeducation of pelvic floor muscles using faradic current.

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

1. Principles of motor nerve conduction study.
2. Use of compression in oedema reduction.
3. Exercise induced muscle soreness.
4. General rules and guidelines for all mobilization treatments.
5. Types of EMG needle electrodes.
6. High voltage pulsed galvanic stimulation.
7. Continuous passive motion.
8. Trigger point release.
9. Method of ultrasound application.
10. Self stretching.
