

[LI 752]

APRIL 2016

Sub. Code: 8152

**MPT DEGREE EXAMINATION**  
**(Common to all Branches)**  
**FIRST YEAR**  
**PAPER II – PHYSIOTHERAPEUTICS**

*Q.P. Code : 278152*

**Time : Three hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Identify the components of basic EMG unit. Discuss the different types of electrodes used. Give the importance of variables affecting the nerve conduction study.
2. Discuss the aquatic therapy physical law, physiological effects, advantage, disadvantage and describe its clinical application.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Pain suppression system in Brain and Spinal Cord.
2. Reverse Natural Apophyseal Guides (RNAG).
3. Hypermobility.
4. Manipulation for Lymphedema.
5. H – Reflex.
6. Indication and contra – indications of Kalterborn Mobilization.
7. Upper Motor Neuron Reflex.
8. Pad (Bladder) method in Ultrasound Therapy.
9. Resisted exercise in Hydrotherapy.
10. Effects of external compression.

\*\*\*\*\*