



[LA 752]

MAY 2012

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 in the same order.****I. Elaborate on :****Pages Time Marks
(Max.) (Max.) (Max.)**

- | | | | |
|---|----|---------|----|
| 1. Classify various types of spinal traction. Describe the therapeutic effects of spinal traction. Explain in detail the procedure for positional traction for cervical and lumbar spine. | 17 | 40 min. | 20 |
| 2. Define electromyography. Explain in detail the various normal and abnormal spontaneous activities in electromyography. | 17 | 40 min. | 20 |

II. Write notes on :

- | | | | |
|---|---|---------|---|
| 1. Articular neurology. | 4 | 10 min. | 6 |
| 2. Eccentric strength training. | 4 | 10 min. | 6 |
| 3. Detail the various methods of ROM measurement for thoracic and lumbar spine. | 4 | 10 min. | 6 |
| 4. Properties of fast and slow pain fibers. | 4 | 10 min. | 6 |
| 5. Differentiate H reflex and F wave. | 4 | 10 min. | 6 |
| 6. Principles of muscle energy techniques. | 4 | 10 min. | 6 |
| 7. Perturbations in standing posture. | 4 | 10 min. | 6 |
| 8. Concave-convex rule and its importance in manipulation. | 4 | 10 min. | 6 |
| 9. Explain various methods of external compression techniques to reduce oedema. | 4 | 10 min. | 6 |
| 10. Myofacial massage. | 4 | 10 min. | 6 |

