

[KZ 752]

OCTOBER 2011

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.)**

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| 1. Explain in details the effects of immobilization on musculoskeletal, cardio respiratory and nervous system. Rationale the application of various Physiotherapeutic modalities appropriate in managing the effects of immobilization. | 17 | 40 min. | 20 |
| 2. Explain in detail the neuro physiological principles and treatment principles of proprioceptive neuromuscular facilitation techniques. Describe about various proprioceptive neuromuscular facilitation techniques to improve stability. | 17 | 40 min. | 20 |

II. Write notes on :

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| 1. Neural mobilization. | 4 | 10 min. | 6 |
| 2. Principles and application of Cyriax manipulation. | 4 | 10 min. | 6 |
| 3. Traditional electrophysiological techniques. | 4 | 10 min. | 6 |
| 4. Barrier concepts in manual therapy. | 4 | 10 min. | 6 |
| 5. EMG changes in peripheral neuropathies. | 4 | 10 min. | 6 |
| 6. F wave. | 4 | 10 min. | 6 |
| 7. Mobilization with impulse and without impulse. | 4 | 10 min. | 6 |
| 8. Clinical efficacy of electrical stimulation. | 4 | 10 min. | 6 |
| 9. Somato sensory evoked potentials and its uses. | 4 | 10 min. | 6 |
| 10. Positional release techniques. | 4 | 10 min. | 6 |
