Second Year MPT Degree Regular Examinations October 2019

Paper III – Neuro Physiotherapy

(2016 Scheme)

Time: 3 Hrs   **Max. Marks: 100**

- **Answer all questions**

Essays   **(2x20=40)**

1. Describe in detail about virtual reality and its clinical applications in neuro-physiotherapy.
2. Explain the various theories of motor learning and their implications for neuro-physiotherapy practice.

Short Notes   **(10x6=60)**

3. Explain Parkinson gait and role of various types of feedback in gait training of Parkinson patient.
4. Brunnstrom movement therapy principles and techniques. Explain.
5. Electromyography (EMG) biofeedback in neuro-physiotherapy.
6. Benign Paroxysmal Positional Vertigo (BPPV) and its physiotherapy management.
7. Unilateral neglect and its physiotherapy management.
8. Role of spinal cord in balance.
9. ICU management of a Guillain Barre syndrome patient.
10. Quantitative gait analysis.
11. Outcome measures to assess function among stroke subjects.
12. Principles and techniques of Rood's approach

****