

QP Code: 213376

Reg. No: .....

**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

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