

**Fourth Year BPT Degree Supplementary Examinations
February 2018**

**Physiotherapy in Clinical Neurology and Neurosurgery
(2012 Scheme)**

Time: 3 Hours

Total Marks: 100

- **Answer all questions**
- **Draw diagrams wherever necessary**

Essays:

(2x14=28)

1. Describe the evaluation and management of an 8 month old child with spastic diplegia.
2. Explain in detail about physiotherapy assessment and management of traumatic brain injury.

Short essays:

(4x8=32)

3. Theories of motor control.
4. Principles and steps of motor relearning program.
5. Secondary complications of spinal cord injury and its management.
6. Discuss the clinical features and management of neuromuscular junction disorders.

Answer briefly:

(10x4=40)

7. Assessment of sensation.
8. Physiotherapy management of multiple sclerosis.
9. Clinical features of Duchenne muscular dystrophy.
10. Mental retardation.
11. Assessment of peripheral nerve injuries.
12. Physiotherapy management of intervertebral disc prolapse.
13. Virtual reality.
14. Tetanus.
15. Co-ordination assessment.
16. Gait deviations in Parkinson's disease.
