

**Fourth Year BPT Degree Regular/Supplementary Examinations
August 2019**

**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. Explain in detail about the physiotherapy assessment and management of ambulatory patient diagnosed with idiopathic Parkinson's disease.
2. Discuss about various movement abnormalities seen in cerebellar disorders and describe the physiotherapy management of cerebellar dysmetria.

Short essays: **(4x8=32)**

3. Principles and techniques of Rood's approach
4. Clinical features and physiotherapy management of Down's syndrome.
5. Clinical features and management of myotonic dystrophy
6. Discuss about the clinical features and physiotherapy management of diabetic neuropathy.

Answer briefly: **(10x4=40)**

7. Clinical examination of 9th and 10th cranial nerve.
8. Constraint induced movement therapy.
9. Syringomyelia
10. Hemi neglect
11. Energy conservation techniques
12. Acute complications of spinal cord injuries
13. Moya Moya disease.
14. Gait abnormalities in spastic diplegia
15. Physiotherapeutics for neurogenic bladder dysfunction
16. Bell's palsy.
