

**Fourth Year BPT Degree Supplementary Examinations
February 2019**

**Physiotherapy in Clinical Neurology and Neurosurgery
(2010 Scheme)**

Time: 3 Hours

Total Marks: 100

- **Answer all questions**

Essays: **(2x14=28)**

1. Explain about the clinical features of spastic Diplegic cerebral palsy and discuss about the physiotherapy management of spastic Diplegic gait.
2. Enumerate the clinical features of D10 spinal cord injury. Discuss about the mode of ambulation and about the orthosis prescription. Also emphasize the role of physiotherapy management of the same.

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

3. Energy conservation techniques
4. Physiotherapy for dysmetria
5. Principles of motor re-learning program
6. Parkinson's gait management

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

7. Mention any four clinical features of lateral medullary syndrome
8. Clinical features of ulnar nerve injury
9. CSF findings of pyogenic meningitis
10. Mention any four physiotherapy techniques for reducing spasticity
11. Mention the names of extra-ocular muscles and their nerve supply
12. Classification of Spina bifida
13. List out the causes of shoulder pain in stroke
14. What is Tabes Dorsalis
15. Mention any four physiological components of basal ganglia
16. Mention any four physiotherapy techniques or treatment for managing foot drop
