

**QP CODE: 412014 (New Scheme)**

**Reg.No.....**

**Fourth Year BPT Degree Supplementary Examinations March 2017**

**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. Discuss in detail the physiotherapeutic assessment and management of cerebral palsy
2. Elaborate the physiotherapy evaluation and management for a patient with Parkinson's disease

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

3. Enumerate the role of a therapist in posterior Intervertebral disc prolapse at L<sub>4</sub> - L<sub>5</sub> level
4. Describe the different physiotherapy techniques used to improve motor function
5. Discuss the role of a physiotherapist in the residual paralysis stage of poliomyelitis
6. Discuss "physiotherapy in bladder dysfunction" in detail.

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

7. Motor control
8. Proprioceptive neuromuscular facilitation
9. Spasticity
10. Vertebero-basilar insufficiency
11. Paraplegia in flexion
12. Motor relearning program
13. Exercises to improve coordination.
14. Physiotherapy for carpal tunnel syndrome
15. Normal pressure hydrocephalus
16. Glasgow coma scale

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