

2010 Scheme

QP CODE: 402014

Reg. No.....

Fourth Year BPT Degree Supplementary Examinations July 2025

Physiotherapy in Clinical Neurology and Neurosurgery

Time: 3 Hours

Total Marks: 100

- *Answer all questions to the point neatly and legibly* • *Do not leave any blank pages between answers* • *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together* • *Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays: (2x14=28)

1. Define Multiple Sclerosis. Describe the types and clinical manifestations of Multiple Sclerosis. Give a brief outline of its physiotherapy assessment and management
2. Classify Cerebral palsy. Describe any two assessment tools used in cerebral palsy. Add a note on physiotherapy management of Spastic Diplegia

Short essays: (4x8=32)

3. Explain in detail about Adam's closed-loop theory and Schmidt's Schema Theory
4. Physiotherapy management of Vertebro Basilar insufficiency
5. Clinical manifestations of Spinal Cord injury
6. Write the assessment and management of Diabetic Neuropathy

Answer briefly: (10x4=40)

7. Explain four Upper extremity patterns of Proprioceptive Neuromuscular Facilitation (PNF)
8. Describe the clinical features of Poliomyelitis
9. Physiotherapy management for limb girdle muscular dystrophy
10. What is the role of Neuro-physiotherapy in autism spectrum disorders
11. Write a note on Functional Neuromuscular Electrical stimulation
12. Physiotherapy management for Gliomas
13. Physiotherapy management of cerebellar Ataxia
14. Explain the screening procedure for high-risk infants
15. Cognitive rehabilitation
16. Physiotherapy management of Moya Moya disease
