

2010 Scheme

QP CODE: 402014

Reg. No.....

Fourth Year BPT Degree Supplementary Examinations January 2026

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. Describe in detail about the theories of motor control
2. Describe the primary and secondary manifestations of Parkinson's disease. Write a note on its assessment and physiotherapy management

Short essays: (4x8=32)

3. Techniques of Proprioceptive Neuromuscular Facilitation (PNF)
4. Physiotherapy management of Myasthenia Gravis
5. Physiotherapy management of complete and incomplete spinal cord injury
6. Assessment and management of Syringomyelia

Answer briefly: (10x4=40)

7. Write a note on Virtual reality in Neuro-rehabilitation
8. Write a note on the electrodes used in electromyography
9. Explain Glasgow coma scale and Glasgow outcome scale
10. Physiotherapy management for Encephalitis
11. Equilibrium and non-equilibrium coordination tests
12. Physiotherapy management for Spina Bifida Occulta
13. Ideomotor and constructional Apraxia
14. Write a note on intervertebral disc prolapse
15. Physiotherapy management of Diabetic Polyneuropathy
16. Physiotherapy management for Athetoid Cerebral palsy
