

# **2012 Scheme**

**QP CODE: 412014**

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

**Fourth Year BPT Degree Supplementary Examinations June 2023**

**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. Classify brain tumours. Explain in detail about the physiotherapy assessment and management of gliomas.
2. Explain in detail about physiotherapy assessment and management of Parkinson's disease.

**Short essays:**

**(4x8=32)**

3. Discuss the physiotherapy assessment and management of multiple sclerosis.
4. Explain in detail about neuro developmental therapy.
5. Describe the assessment of cranial nerves.
6. Describe in detail about the physiotherapy assessment and management of brachial plexus lesions.

**Answer briefly:**

**(10x4=40)**

7. Infantile hemiplegia.
8. Physiotherapy evaluation of poliomyelitis.
9. Gait deviations in hemiplegia.
10. Orthotic prescription for spinal cord injury.
11. Assessment of cerebellar ataxia.
12. Physiotherapy management of peripheral neuropathies.
13. Infective myelopathies.
14. Neurogenic bladder.
15. Principles of proprioceptive neuromuscular facilitation technique.
16. Management of vertebro basilar insufficiency.

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