

2012 Scheme

QP CODE: 412014

Reg. No.....

Fourth Year BPT Degree Supplementary Examinations January 2024

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. Mention the clinical features of Parkinson's disease and discuss the rigidity and posture management of the same.
2. Describe the physiotherapy management of 7-year-old spastic diplegic and add a note on orthotics used for spastic cerebral palsy children.

Short essays:

(4x8=32)

3. Discuss the principles of Bobath's approach
4. Describe the features of Guillain Barre' syndrome and add a note on physiotherapy for the same
5. Apraxia: Definition, types and features
6. Fatigue in Multiple Sclerosis and add a note on principles of energy conservation techniques

Answer briefly:

(10x4=40)

7. Clinical features of Facioscapulohumeral muscular dystrophy
8. Arnold Chiari malformation: Definition, and classifications
9. List out any eight clinical features of Lateral medullary syndrome
10. Classify neurogenic bladder
11. CSF finding differences between acute pyogenic meningitis and viral meningitis
12. Erb's palsy
13. Answer in brief the principles of Frenkel's exercise
14. Define primitive reflex and mention any four of the same
15. Rancho Los Amigos Scale
16. Define ataxia and mention any four neurological disorders with ataxia as an important feature
