

2010 Scheme

QP CODE: 402014

Reg. No.....

Fourth Year BPT Degree Supplementary Examinations October 2021

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. Discuss about the clinical features of Duchenne Muscular Dystrophy and discuss the role of a physiotherapist for 6-year-old boy with Duchenne Muscular Dystrophy who is in a wheel chair dependent stage.
2. Explain in detail about the clinical features and the role of physiotherapy in the management of poliomyelitis. Add a note on post-polio syndrome.

Short essays:

(4x8=32)

3. Mental imagery technique in neuro-rehabilitation.
4. Physiotherapy for brachial plexus injury.
5. Bladder re-training program.
6. Features and management of cerebellar lesion.

Answer briefly:

(10x4=40)

7. Bobath Concept.
8. Four factors essential for motor learning.
9. Home exercise protocol for Parkinson's disease.
10. Monroe-Kellie hypothesis.
11. List out any four orthosis used for neurological condition.
12. Hold and relax PNF technique.
13. Pyramidal lesion and its features.
14. Different types of Peripheral neuropathy
15. Rood's approach.
16. Features of Friedrich's ataxia
