

2010 Scheme

QP CODE: 402014

Reg. No.....

Fourth Year BPT Degree Supplementary Examinations July 2022

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 clinical features of middle cerebral artery territory stroke with left side hemiplegia and the role of a physiotherapist for the same. Add a note on the management of hemi neglect in the same patient.
2. Describe the clinical features and role of physiotherapy management of cerebellar dysmetria and postural instability.

Short essays:

(4x8=32)

3. Discuss about the principles of Constrained Induced Movement Therapy (CIMT) and the use of CIMT in neurological conditions
4. Clinical features of Down's syndrome and the role of physiotherapy
5. Clinical features of Huntington's disease
6. Physiotherapy management of Guillain Barre syndrome

Answer briefly:

(10x4=40)

7. Arnold Chiari malformation
8. Klumpke's paralysis
9. Virtual reality in neurological conditions
10. Types of multiple sclerosis
11. Mention any four physiotherapy techniques to reduce shoulder subluxation in hemiplegia
12. List out any four treatment techniques for improving festinating gait
13. Mention the four types of motor neuron disorder
14. Physiotherapy for fatigue issues in myasthenia gravis
15. Mention any four clinical features of Friedrich's ataxia
16. List any four orthotic devices for spinal cord injuries
