

Fourth Year BPT Degree Supplementary Examinations, March 2017

Physiotherapy in Clinical Neurology and Neurosurgery

(2010 Scheme)

Time: 3 Hours

Total Marks:100

- **Answer all questions**

Essays:

(2x14=28)

1. Explain in detail about the physiotherapy assessment and management of a 30 years old male with cauda equina lesion.
2. Discuss in detail the physiotherapy management of a Duchene's muscular dystrophy child.

Short essays:

(4x8=32)

3. Motor control and motor learning
4. Sensory integration
5. Physiotherapy assessment and management of cerebellar ataxia
6. Physiotherapy assessment and management of ulnar nerve injury

Answer briefly:

(10x4=40)

7. Cerebrovascular accident
8. Syringomyelia
9. Constraint induced movement therapy
10. Neural plasticity
11. Spina bifida
12. Neurodevelopmental therapy
13. Functional neuromuscular stimulation
14. Biofeedback
15. Vertebro-basilar insufficiency
16. Dystonia
