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Q.P.Code: 202376 **Reg. No.:.....**

Second Year MPT Degree Examinations - November 2014

Physiotherapy in Neurology

Time : 3 hrs **Max marks : 100**

- **Answer all questions**

Essays: **(2×20=40)**

1. Explain in detail the anatomy and physiology of the basal ganglia. Discuss the physiotherapeutic management of Parkinson disease subject in Hoehn and Yahr stage III. (5+5+10=20)
2. Explain the principles of neural plasticity with appropriate examples. Describe the role of neural plasticity in neuro rehabilitation. Add a note body weight supported treadmill training of spinal cord injured patients. (10+5+5=20)

Short essays: **(6x10=60)**

3. Physiotherapeutic management of hemiplegic shoulder.
4. Role of electro myographic biofeedback in neuro rehabilitation.
5. Discuss the various evoked potentials in detail.
6. Neurogenic bladders and their physiotherapy management.
7. Explain rationale and technique used in constraint induced movement therapy for cerebral palsy child with evidence.
8. Dysphagia evaluation and management in stroke.

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