

Q.P.Code: 202376

Reg. No.:.....

**Second Year MPT Degree Supplementary Examinations March 2018****Physiotherapy in Neurology**

Time : 3 hrs

Max marks : 100

- Answer all questions

**Essays:****(2x20=40)**

1. Describe in detail the various outcome measures used in the assessment of function in neurophysiotherapy practice. Add a note in general on the various psychometric properties of a scale.
2. Explain the anatomy and function of cerebellum. Discuss on various methods of assessment and physiotherapy management of a cerebellar ataxia.

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

3. Locomotor training for a spinal cord injured patient. Explain.
4. Describe the electromyographic changes observed in neurogenic and myogenic disorders.
5. Explain roods approach in detail.
6. Role of functional electrical stimulation (FES) in neuro rehabilitation.
7. Describe the principles of Brunnstrom's movement therapy and their application in treatment of stroke.
8. Discuss the gait analysis of a Parkinson patient.

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