



Q.P.Code: 202376

Reg. No.: .....

**Second Year MPT Degree Examinations - November 2012**

**Physiotherapy in Neurology**

Time: 3 hrs

Max marks : 100

• Answer all questions

**Essays:**

(2x20=40)

1. Explain in detail the function of the reticular activating system. Describe in detail a physiotherapeutic plan of management of stages III, IV and V on a ranchos los amigos cognitive functioning scale. Add a note on neurobehavioral consequences of traumatic brain injury. (5+10+5=20)
2. Describe the various theories of motor control and their application in physiotherapeutic interventions. (10+10=20)

**Short essays:**

(6x10=60)

3. Explain the assessment and physiotherapeutic strategies for a hemiplegic gait in the chronic stage of stroke in an adult.
4. Discuss the rationale and the technique behind task oriented training with examples.
5. Physiotherapy management of acute inflammatory demyelinating polyneuropathy (AIDP)
6. Benign paroxysmal positional vertigo and its physiotherapeutic management.
7. Elaborate on the neurophysiological rationale for use of facilitatory techniques in neurophysiotherapy with evidence.
8. Physiotherapeutic evaluation and assessment of a four year old ataxic cerebral palsy child.

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