

**VINAYAKA MISSION'S RESEARCH FOUNDATION  
(Deemed to be University), SALEM**

**M.P.T. DEGREE EXAMINATION – November 2019  
Fourth Semester**

**PHYSIOTHERAPY IN NEUROLOGY**

Time: Three hours

Maximum : 100 marks

**I. Write short answers on: (10 x 2 = 20)**

1. Froment's sign.
2. Posterior column signs.
3. Dysmetria.
4. Autonomic dysreflexia.
5. Vojta therapy.
6. Inhibitory techniques.
7. Dynamic splint.
8. Becker muscular dystrophy.
9. Multiple sclerosis.
10. Dysphagia.

**II. Write short notes on: (8 x 5 = 40)**

11. Hoehn and yahr scale of disability.
12. Connections of cerebellum.
13. Physiotherapy management for shoulder hand syndrome.
14. Cueing strategies in gait training.
15. Principles of proprioceptive neuromuscular facilitation.
16. Posture assessment and management in parkinsons's disease.
17. EMG biofeedback.
18. Associated reactions in stroke.

**III. Write essays on: (2 x 20 = 40)**

19. Define stroke and write detailed physiotherapy assessment and management for right middle cerebral artery stroke patient of two months duration.
20. Assessment of muscle tone, spasticity, balance, voluntary control and coordination.