

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

**BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION
February 2020
Fourth Year**

PHYSIOTHERAPY FOR NEUROLOGICAL CONDITION

Time: Three hours

Maximum: 100 Marks

Answer **ALL** questions.

I. ESSAY: (2 x 20 = 40)

1. Describe the principles of PNF. Explain in details about the various PNF patterns and the techniques of PNF.
2. Describe in detail the evaluation, physiotherapy management and home exercise program for a retired 65 years old male with Parkinson's disease.

II. SHORT NOTES: (8 x 5 = 40)

3. Brunstrom approach.
4. Assessment of muscle tone.
5. Transfer techniques in paraplegics.
6. Theories of motor control.
7. Myasthenia gravis.
8. Autonomic dysreflexia.
9. Physiotherapy for head injury.
10. Sensory re- educations.

III. SHORT ANSWERS: (10 x 2 = 20)

11. UMN lesion.
12. Functions of cerebellum
13. Finger nose test.
14. Orthostatic hypotension.
15. Alzheimer's disease.
16. Meningioma.
17. Assessment of limb length.
18. Electro myography.
19. Tarsal tunnel syndrome.
20. Thalamic pain syndrome