

**Rajiv Gandhi University of Health Sciences, Karnataka****IV Year B.P.T. Degree Examination - OCT-2019****Time: Three Hours****Max. Marks: 100 Marks****NEURO PHYSIOTHERAPY****Q.P. CODE: 2749 (RS-5)**

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

**LONG ESSAYS (Answer any Two)****2 x 10 = 20 Marks**

1. Define Stroke. Write the assessment and Physiotherapy management for a 60 year old female patient suffering from Left Middle Cerebral Artery stroke (Brunnstrom Stage I).
2. Write the assessment and physiotherapy management for 50-year-old male suffering from Parkinson Disease (Modified Hoehn and Yahr stage 2)
3. Define Cerebral Palsy. Describe the Pediatric assessment and management for a 10-year-old child suffering from Left Infantile Hemiparesis.

**SHORT ESSAYS (Answer any Twelve)****12 x 5 = 60 Marks**

4. Explain the Physiotherapy management for Unilateral Neglect.
5. Describe the principles of Frenkel's Exercises with examples.
6. Write about Physiotherapy management for Neurogenic Bladder.
7. Explain the principles of Neurodevelopmental treatment approach.
8. Physiotherapy treatment for post polio residual paralysis. Explain.
9. Explain the testing of any four combined cortical sensations.
10. Write the assessment for Decubitus Ulcer.
11. Importance of Neurodevelopmental testing in pediatric physiotherapy.
12. Mention four complications post craniotomy and their physiotherapy management.
13. Physiotherapy management in the intensive care unit for a Guillain Barre patient.
14. Write about five Multimodal sensory stimulation treatment techniques used in Traumatic brain injury patients.
15. Explain the functional assessment in Neurological conditions.
16. Principles and techniques in Rood's Approach.
17. Physiotherapy management for acute Saturday night palsy.

**SHORT ANSWERS****10 x 2 = 20 Marks**

18. Ranchos Los Amigos scale.
19. Define Apraxia and types.
20. Pudendal Nerve Palsy.
21. Four complications of Spinal Cord Injury.
22. Define Rigidity and types.
23. Tarsal Tunnel Syndrome.
24. Two uses of Electromyography Biofeedback.
25. Scissoring Gait.
26. Clinical features of Guillain Barre Syndrome.
27. Mention two uses of Tilt table.