

Rajiv Gandhi University of Health Sciences, Karnataka

IV Year B.P.T. Degree Examination - 12-May-2026

Time: Three Hours

Max. Marks: 100 Marks

NEURO PHYSIOTHERAPY (RS5)

Q.P. CODE: 2749

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

LONG ESSAYS (Second Question Choice)

2 x 10 = 20 Marks

1. Define Amyotrophic Lateral Sclerosis (ALS). Explain the assessment and Physiotherapy management of a 45-year-old female patient suffering from ALS (Middle stage).
2. Write in detail the Physiotherapy management for a 20-year-old male suffering from traumatic brain injury (Rancho Los Amigos Scale Level-I). Add a note on complications in post-traumatic brain injury stage.

OR

Enumerate the Physiotherapy assessment and treatment for a 5-year-old Down's syndrome child.

SHORT ESSAYS (Question No 3 & 12 choice)

10 x 5 = 50 Marks

3. Explain the Physiotherapy management for medial nerve injury.

OR

Describe the principles of Proprioceptive Neuromuscular Facilitation approach.

4. Write about assessment for Neurogenic Bladder.
5. Treatment of truncal rigidity in Parkinson Disease
6. Physiotherapy management for Post Polio Syndrome. Explain.
7. Describe the assessment of Coordination.
8. Importance of Higher mental function testing in Neuro Physiotherapy.
9. Write in detail the Facilitatory and Inhibitory techniques used in Paediatric Physiotherapy.
10. Physiotherapy management for Decubitus ulcers. Explain.
11. Explain American Spinal Cord Injury Association scale and its use
12. Describe Motor imagery for rehabilitation for upper limb of a Stroke.

OR

Role of physiotherapy in treating a Down's syndrome child.

SHORT ANSWERS

10 x 3 = 30 Marks

13. Glasgow coma scale.
14. Define Aphasia and types.
15. Two uses of Resistance band.
16. Define Autonomic Dysreflexia.
17. Features of Parkinson Gait.
18. Types of Hydrocephalus.
19. Classification of Motor Neuron disease.
20. Decorticate and Decerebrate rigidity.
21. Bells Phenomena.
22. Clinical features of thoracic outlet syndrome.
