



Rajiv Gandhi University of Health Sciences, Karnataka

IV Year B.P.T. Degree Examination - 28-Aug-2020

Max. Marks: 100 Marks

Time: Three Hours

NEURO PHYSIOTHERAPY Q.P. CODE: 2749 (RS-5)

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

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Explain the phylogenetic classification of cerebellar functions. Enumerate the clinical features of cerebellar ataxia and discuss the equilibrium and non-equilibrium tests of evaluation.
2. Discuss the typical clinical presentation of Amyotrophic Lateral Sclerosis (ALS) and explain the Physiotherapy management.
3. Classify Spinal cord injury. Discuss in detail the clinical presentation and physiotherapy management of D10 level complete traumatic spinal cord injury.

SHORT ESSAYS (Answer any Twelve)

12 x 5 = 60 Marks

4. Explain the components and presentation of typical Hemiplegic gait.
5. List the disorders of Neuro Muscular Junction (NMJ). Write briefly about Eaton Lambert Syndrome.
6. Discuss Viral encephalitis under the following-Cause, Clinical features and medical management.
7. Describe the components and application of Glasgow Coma Scale (GCS) on a patient post Traumatic Brain Injury stage.
8. Classify the clinical subtypes of Multiple sclerosis. Mention various clinical features seen in patients with multiple sclerosis.
9. Explain sensory ataxia with respect to the clinical presentation and physiotherapy management.
10. Explain the principles of Neuro-Developmental therapy (NDT).
11. Write about Ranchos Los Amigos scale of cognitive function.
12. Write about developmental screening and early intervention of High risk babies.
13. Explain briefly the concept and components of Motor Relearning Program.
14. Describe Unilateral neglect and explain the physiotherapy interventions to improve the same.
15. Define tone and describe the physiotherapy interventions to manage spasticity in Hemiplegia.
16. Explain the principles of Proprioceptive Neuro-muscular Facilitation (PNF).
17. Write a note on Neurogenic bladder.

10 x 2 = 20 Marks

SHORT ANSWERS

18. Brudzinski sign
19. What is Dysdiadochokinesia?
20. Define Broca's aphasia.
21. Define Dysphagia.
22. Mention four clinical features of Hydrocephalus.
23. List the components of Flexor synergy in Upper extremity.
24. Mention four clinical features of Down's syndrome.
25. What are the Cerebro Spinal Fluid findings in Pyogenic Meningitis?
26. Brown Sequard syndrome.
27. Babinski sign
