

Rajiv Gandhi University of Health Sciences, Karnataka

IV Year B.P.T. Degree Examination – APRIL 2015

Time: Three Hours

Max. Marks: 100 Marks

NEURO PHYSIOTHERAPY (RS – 3 & RS - 4)

Q.P. CODE: 2720

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 multiple sclerosis. Write about clinical features, assessment and PT management of multiple sclerosis in 55 year old male since 2 years.
2. 28 year old female diagnosed as complete spinal cord injury at level T4-T5 since 2 years. Write about clinical features, assessment and management of the same.
3. Define stroke and write about clinical features, assessment and PT management of sub arachnoid haemorrhage at left frontal lobe of brain in 72 years old.

SHORT ESSAYS (Answer any Twelve)

12 x 5 = 60 Marks

4. Write a note on neuro developmental therapy.
5. Co-ordination exercises for upper limb in cerebellar disorders
6. Physiotherapy management for unilateral neglect
7. Write about effects and uses of electrical stimulation in neurological rehabilitation.
8. Physiotherapy management of median nerve palsy with 1 month duration
9. Write about indications, effects and uses of passive stretching.
10. Write any one assessment scale for activities of daily living
11. Difference between spasticity and flaccidity
12. Write about long term PT management in severe traumatic brain injury.
13. Write about effects and uses of partial weight bearing treadmill training.
14. Physiotherapy management of high stepping gait
15. Write about effects and uses of proprioceptive neuromuscular facilitation patterns
16. Write about any two neurophysiological approaches in management of stroke.
17. Indication and uses of F.G test

SHORT ANSWERS (Answer any Ten)

10 x 2 = 20 Marks

18. Rigidity and its types
19. Knuckle bender splint
20. Dystonia
21. Sensory ataxia
22. Testing of 12th cranial nerve
23. Rhomberg's sign
24. ULTT 1
25. Cardinal signs of Parkinson's disease
26. Movement decomposition
27. Apraxia and its types
