



# 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 - (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. Explain the causes of spinal cord injuries. How will you assess and manage 28 year old male with C5-C6 level spinal cord injury with duration of 1 year.
2. What are the causes of 7<sup>th</sup> cranial nerve palsy? Write about clinical features, assessment and PT management of 21 year old female with left side 7<sup>th</sup> cranial nerve palsy.
3. Write about causes, clinical features, assessment and PT management of hydrocephalus.

### **SHORT ESSAYS (Answer any Twelve)**

**12 x 5 = 60 Marks**

4. Define ataxia and PT management of sensory ataxia.
5. Write about spinal muscular atrophy and its PT management.
6. Write a note on balance assessment.
7. Define spina bifida and its PT management.
8. Write about yoga in neurological disorders.
9. Physiotherapy management of thoracic outlet syndrome
10. Importance of developmental screening
11. Write note on sensory examination.
12. Define muscle tone. What are different types of abnormal tones?
13. Physiotherapy management of hemiplegic gait
14. Physiotherapy management of Cauda Equina lesion
15. Write a note on high risk babies.
16. Physiotherapy management of fatigue in multiple sclerosis
17. Physiotherapy management of amyotrophic lateral sclerosis in acute stage

### **SHORT ANSWERS (Answer any Ten)**

**10 x 2 = 20\_Marks**

18. Kernig's sign
19. Sunset sign
20. APGAR score
21. Define Down's syndrome.
22. Reflex grading
23. Tinel's sign
24. Glabellar tap sign
25. Key points in NDT
26. Reflex inhibiting pattern
27. Brushing technique