

Rajiv Gandhi University of Health Sciences, Karnataka
Second Year Master of Physiotherapy Degree Examination – 24-Nov-2023

[Time: 3 Hours]

[Max. Marks: 100]

Basic Sciences for Neurological Physiotherapy - Paper –II (RS-4)
Q.P. CODE: 8142

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

Answer All The Questions

10 X 10 = 100 Marks

1. What are Neurotransmitters? Write about Excitatory and inhibitory Neurotransmitters.
2. What is the difference between Central nervous system and Peripheral Nervous system in relation to its functions?
3. Explain Movement organization in terms of Motor control system hierarchy.
4. What is the importance of Sensory development in Motor development?
5. Explain motor control of walking.
6. Explain the role of environmental variables in stair climbing among toddlers.
7. Write about the importance of practice and feedback for motor task in promoting Neuroplasticity.
8. Describe the Stages of motor Learning.
9. Explain the significance of need of motivation in a 26-year-old man with T4 level spinal cord injury.
10. Write about adaptation across musculoskeletal system in Stroke.

* * * * *