Rajiv Gandhi University of Health Sciences, Karnataka

VII Semester Bachelor of Occupational Therapy Degree Examination – 06-Nov-2026

Time: Three Hours **Max. Marks: 100**

OCCUPATIONAL THERAPY IN NEUROLOGICAL CONDITIONS (RS)

Q.P. CODE: 3437

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. Discuss the normal physiology of swallowing and the disease processes that lead to dysphagia. Explain the role of occupational therapy in the assessment and treatment of dysphagia
2. Describe how you would manage a 35 years old with multiple sclerosis?
3. What is motor neuron disease? How will you treat 30 years old tailor with early features of motor neuron disease?

SHORT ESSAYS (Answer any Ten) **10 x 5 = 50 Marks**

4. NDT – facilitation techniques
5. What are the perceptual problems seen in head injury? How are they treated?
6. Executive functions of brain
7. Hand function assessment
8. OT goals for a patient with Parkinson's disease
9. Brunnstrom recovery stages of arm
10. Difference between upper motor neuro and lower motor neuron paralysis
11. Occupational therapy intervention for Alzheimer's disease
12. How important is family support in OT for the blind? How can OT involve families effectively?
13. Functions and dysfunctions of cerebellum
14. Describe the role of assistive technology in supporting individuals with ALS
15. Cognitive perceptual functions

SHORT ANSWERS (Answer any Ten) **10 x 3 = 30 Marks**

16. Cogwheel rigidity
17. Stereognosis
18. Define muscle tone
19. What is Romberg sign?
20. What is Rhythmic initiation?
21. What is Babinski sign?
22. Bradykinesia
23. Dementia
24. Types of head injury
25. Body scheme disorders
26. Frenickle's exercises
27. Modified Ashworth scale

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