

# Rajiv Gandhi University of Health Sciences, Karnataka

VII Semester Bachelor of Occupational Therapy Degree Examination – 21-May-2025

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. Explain the types of Inhibitory & facilitatory techniques used in the Neuro developmental approach with suitable examples
2. Explain the occupational therapy assessment and interventions for Traumatic Brain Injury from acute to rehabilitative phase with examples
3. Explain Occupational Therapy Interventions for Motor Neuron Disease clients in phases II & III with suitable examples

### SHORT ESSAYS (Answer any Ten)

**10 x 5 = 50 Marks**

4. Describe the Occupational Therapy Intervention goals for the clients in the remission stage of Multiple Sclerosis
5. Write the occupational therapy interventions for diabetic Foot with examples
6. Explain the occupational therapy intervention strategies to ensure safety and increase independence in clients with Parkinson's Disease
7. Explain the occupational therapy interventions for upper extremity dysfunction following stroke
8. Explain the stages of motor recovery according to the Brunnstrom approach following a stroke
9. Describe any five upper extremity complications after stroke with suitable examples
10. Explain the diagonal patterns of the upper extremity under the PNF approach
11. Explain the three factors or pillars that support the Motor Relearning program
12. Explain the occupational therapy intervention strategies used to treat dysphagia
13. Explain occupational therapy management for clients with early stages of Alzheimer's disease with examples
14. Explain the use of Sensory re-education in patients with blindness
15. Describe the occupational therapy management for clients diagnosed with Myasthenia Gravis with examples

### SHORT ANSWERS (Answer any Ten)

**10 x 3 = 30 Marks**

16. Write three environmental modification recommendations for elderly individuals with visual impairments
17. Name any three orthotic support and adaptive equipment that can be prescribed for clients with motor neuron disease
18. Write three fall prevention strategies for older adults with mobility impairment
19. Write the most important consideration in planning a daily activity schedule for a client with Parkinson's disease
20. Mention any three occupational therapy strategies for poor self-awareness skills in clients with cognitive deficits following head injury
21. Explain any three occupational therapy intervention strategies for a client with cerebellar disorder
22. Describe the transfer of learning with examples
23. Write any three remedial intervention strategies to improve oral hypo and hypersensitivity
24. Write any three principles of the Brunnstrom Movement Therapy Approach
25. Mention the types of PNF relaxation techniques and the indications for the same
26. Enumerate the Rancho Los Amigos Levels of Cognitive Functioning
27. Mention any three energy conservation strategies to minimize fatigue in patients with multiple sclerosis with examples

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