Rajiv Gandhi University of Health Sciences, Karnataka

V Semester Bachelor of Occupational Therapy Degree Examination – 23-Oct-2026

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

Occupational Therapy in Medical Condition- (OS/RS)

Q.P. CODE: 3428

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. A 48-year-old female with rheumatoid arthritis presents with swan neck and boutonniere deformities affecting hand function. Explain the pathomechanics and clinical features of the deformity. Plan OT evaluation and management including splinting, joint protection

2. A 55-year-old male with myocardial infarction is referred for OT.
   a) Discuss phases of cardiac rehabilitation
   b) Explain OT intervention in each phase

3. A diabetic patient with peripheral neuropathy presents with sensory loss, poor balance and foot ulcers. Discuss OT assessment, plan OT intervention on safty training and sensory reeducation

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

4. Discuss occupational therapy management of hemophilia
5. Mention energy conservation techniques in pulmonary conditions
6. Differentiate between pursed lip breathing and diaphragmatic breathing patterns
7. Explain work simplification techniques in chronic rheumatoid arthritis
8. Discuss occupational therapy interventions for patients with bronchial asthma
9. Mention indication and contraindication of cardiac rehabilitation
10. Explain pulmonary rehabilitation program in OT
11. Discuss environmental modification for fall prevention in geriatric patients
12. Explain the concept of METs and its role in activity prescription
13. Mention effect of aging on various systems of body
14. Explain cardiac conditioning and what all apparatus used for cardiac conditioning?
15. Write roots transmission of HIB and role of OT in HIV patients

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

16. List indications for pulmonary rehabilitation
17. List indications for splinting in RA
18. List signs of exercise intolerance during cardiac rehab
19. List clinical features of chronic bronchitis
20. List psychosocial issues in HIB patients
21. Mention types of breathing exercises used in pulmonary rehabilitation
22. List age-related changes in cardiovascular system
23. Mention environmental modifications for elderly safety
24. List out different assistive devices and adaptations used in pheripheral neuropathy
25. Difference between RA & OA
26. List communication methods used in deaf individuals
27. Mention complication of peripheral neuropathy

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