Rajiv Gandhi University of Health Sciences, Karnataka

VI Semester Bachelor of Occupational Therapy Degree Examination – 07-Nov-2026

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

Occupational Therapy in Orthopaedic Condition

Q.P. CODE: 3432

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. Define carpal tunnel syndrome. Discuss in detail the clinical features, OT evaluation, conservative management and post-surgical rehabilitation protocol including splinting, oedema control, nerve gliding exercises and return-to-work guidance
2. Discuss in detail the orthopaedic evaluation format used in occupational therapy – include subjective history, pain assessment, ROM measurement, muscle strength testing, oedema assessment, sensory testing, hand function testing and functional assessment with documentation
3. Explain functional capacity evaluation (FCE) in detail. Discuss its types, component and clinical application in OT

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

4. Discuss the OT role in managing femoral shaft fracture – post-surgical rehabilitation and ADL training
5. Discuss overview of adult brachial plexus and its OT management
6. Discuss OT management of shoulder impingement syndrome clinical features, therapeutic activities and ergonomic advice
7. Explain onsite rehabilitation and injury management in return to work process
8. Explain complications of spinal cord injury
9. Explain OT role in cervical spine fractures – immobilisation, ADL training and precautions
10. Differentiate between work hardening and work conditioning programs
11. Define low back ache. Explain OT management for a 60 year old housewife with LBA
12. Explain the OT training procedures for persons with total knee replacement
13. Explain how OT uses biomechanical model in the rehabilitation of orthopaedic conditions
14. Discuss OT management of high radial nerve injury – muscle loss, deformity, dynamic splitting ad functional training
15. Write an essay on sheltered workshops

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

16. Role of splinting in upper limb fractures
17. Clinical features of Klumpke's palsy
18. Volkmann's ischaemic contracture – prevention
19. Explain ASIA classification briefly
20. Tenodesis grasp
21. Bennett's fracture
22. Cauda Equina Syndrome
23. Principles of ergonomic workstation design
24. Splinting in CTS (purpose and position)
25. Activity modification in Tennis elbow
26. Core strengthening exercises in LBP
27. Write about orthostatic hypotension in SCI

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