Rajiv Gandhi University of Health Sciences, Karnataka

V Semester Bachelor of Occupational Therapy Degree Examination – 27-Oct-2026

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

Occupational Therapy in Surgical Condition- (OS/RS)

Q.P. CODE: 3429

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 Burns. Classify burns based on depth and extent. Explain in detail the occupational therapy management of a patient with flame burns involving face, neck and upper extremities from acute stage to community reintegration
2. Define Amputation. Describe the causes, levels and complications of upper limb amputation. Discuss the role of occupational therapy in prosthetic training and functional rehabilitation
3. Define hand injury. Discuss the occupational therapy assessment and rehabilitation of flexor tendon injury of the hand, including edema control, splinting, precautions, exercise programme and return to daily activities

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

4. Define Hypertrophic scar and its OT management
5. Describe the sensory reeducation techniques of hand injury
6. Explain the types, clinical features and OT management of thoracic outlet syndrome
7. Explain externally powered (myoelectric) prosthesis with advantages
8. Discuss complications of varicose veins and their prevention
9. Describe the flexor tendon injury rehabilitation protocol in details
10. Explain the precautions and contraindications to neural tension testing
11. Classify burns based on depth and explain the clinical features of each type
12. Discuss the goals of pre-prosthetic management in lower limb amputation
13. Explain the role of splinting in burn injury rehabilitation
14. Explain immediate post-operative complications and their management
15. Explain the occupational therapy management of patient with osteosarcoma

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

16. Palliative care
17. Phantom limb sensations
18. Rule of nine
19. Superficial thickness burn
20. Heterotrophic ossification
21. Lisfranc amputation
22. Boutonniere deformity
23. List out any three characteristics of deep vein thrombosis
24. Radical mastectomy
25. Dupuytren’s contracture
26. Explain Bunell’’s no man’s land
27. List out the characteristics of thoracic outlet syndrome

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