# Rajiv Gandhi University of Health Sciences, Karnataka

**V Semester Bachelor of Occupational Therapy Degree Examination – 29-Oct-2026**

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

## Basics of Orthopaedic- (OS/RS)

## Q.P. CODE: 3430

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 aetiology, clinical features, investigations and management of Acute Osteomyelitis. Add a note on its complications
2. Describe the mechanism of injury, classification, clinical features and management of supracondylar fracture of humerus in children. Add a note on Volkmann's Ischaemic Contracture
3. Define fracture. Enumerate the types of fractures. Explain the stages of fracture healing and the factors that affect healing

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

4. Explain clinical features and medical management of pulmonary tuberculosis of the spine (Pott's disease)
5. Define Colles' fracture. Explain its mechanism of injury, clinical features and management
6. Describe the types, clinical features and management of Congenital Talipes Equino Varus (CTEV/Club foot)
7. Explain the general principles of fracture management
8. A patient presents with wrist drop. Discuss radial nerve injury – causes, features and management
9. Discuss scoliosis – causes, clinical features and management
10. Explain the aetiology and management of myositis ossificans
11. Explain the causes, special tests and management of lateral epicondylitis
12. Discuss tennis elbow – etiology, clinical features and management
13. What are the principles of conservative and surgical treatment of a fracture?
14. Discuss congenital dislocation of hip – diagnosis and treatment
15. A patient presents after fall with paraplegia. Discuss spinal injury and management

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

16. What is myositis ossificans? Give two causes
17. What is PIVD? Mention clinical features
18. Define Sequestrum and Involucrum
19. Enumerate peripheral neuropathies
20. Ortolani test
21. Define osteoporosis and its risk factors
22. Difference between Rolando and Boxer's fracture
23. Difference between rickets and osteomalacia
24. Complications of traction
25. Name any four types of orthopaedic internal fixators
26. What is plantar fasciitis?
27. Painful Arc syndrome

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