



# Rajiv Gandhi University of Health Sciences, Karnataka

## III Year B.P.T. Degree Examination - 10-Jan-2022

**Time: Three Hours**

**Max. Marks: 100 Marks**

### **MUSCULOSKELETAL AND SPORTS PHYSIOTHERAPY (RS5)** **Q.P. CODE: 2745**

Your answers should be specific to the questions asked  
Draw neat labeled diagrams wherever necessary

#### **LONG ESSAYS (Second Question Choice)**

**2 x 10 = 20 Marks**

1. Set down a detail plan of rehabilitation following L2 vertebral level fracture treated surgically with a spinal fixation device and presently in recovery phase, after one month.
2. Define TKR. Plan your PT assessment and management for the same.

**OR**

Write in detail the physiotherapy management following fracture shaft of femur. What are the common complications seen in this condition.

#### **SHORT ESSAYS (Question No 3 & 12 choice)**

**10 x 5 = 50 Marks**

3. Describe the PT management for patients with shoulder instability.

**OR**

Compile the assessment for biceps tendinitis along with the special test which aid in its diagnosis.

4. Discuss the physical therapy management of a 3 years old child who has a torticollis deformity to her right side.
5. Explain types of prosthesis for below knee amputee.
6. Explain the principles of tendon transfers.
7. Types, precautions and limitations for spinal traction.
8. Role of physiotherapy in CTEV.
9. Physiotherapy management in wrist drop.
10. Plantar fasciitis-causes and management.
11. What are causes of THORACIC OUTLET SYNDROME? Mention 2 confirmatory tests for it.
12. Carpal tunnel syndrome.

**OR**

Mechanism of injury of lateral ankle sprains and its conservative management.

#### **SHORT ANSWERS**

**10 x 3 = 30 Marks**

13. Concave-Convex rule.
14. Centralization phenomenon.
15. Roo's test.
16. Principles of plyometrics.
17. X-Ray features of spondylosis.
18. Two tests for tennis elbow.
19. Mallet finger.
20. Energy conservation technique.
21. PRICE protocol.
22. Functional cast bracing.

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