

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**III Year B.P.T. Degree Examination - 10-Mar-2021**

**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. 25-year tennis player underwent for the rotator cuff reconstruction surgery. Write in detail P.T rehabilitation protocol.
2. Explain post operative physiotherapy treatment protocol for a 14 yr old girl who underwent D8-D9 spinal fusion for treatment of idiopathic scoliosis.

**OR**

Explain the post-operative PT management following ACL reconstruction with patellar tendon graft.

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

**10 x 5 = 50 Marks**

3. Explain PT management of Volkmans ischemic contracture.

**OR**

Explain the gait deviations while using lower limb prosthesis.

4. Discuss any two special tests and its management for patellofemoral dysfunction.
5. Discuss the PT management for lumbar IVDP.
6. Discuss any two special tests for SI joint dysfunction.
7. Explain the PT management for trigger finger?
8. Explain PT management of Rheumatoid Arthritis.
9. Explain the PT management for Grade II lateral ligament ankle sprain.
10. Explain PT management for Bimalleolar fracture.
11. Explain PT management following non-cemented total hip arthroplasty.
12. Explain PT management for IT band syndrome.

**OR**

Explain PT management for the meniscal injury of knee.

**SHORT ANSWERS**

**10 x 3 = 30 Marks**

13. What are the common sites of stress fractures in osteoporotic patient?
14. What are the contraindications of asana?
15. What is NAGS?
16. What is Zig zag deformity of hand?
17. List the role of physiotherapy in Pyogenic arthritis.
18. Cobb's angle.
19. What is Mallet finger?
20. What is stress fracture?
21. What is Bio-Engineering?
22. What are the indications of Food drop splint?

\*\*\*\*\*