

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - 17-Nov-2025

Time: Three Hours

Max. Marks: 100 Marks

MUSCULOSKELETAL & SPORTS PHYSIOTHERAPY - (RS-5)

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. Define scoliosis, describe the postoperative management following Harrington rod fixation for thoracolumbar scoliosis.
2. Add a note on transtibial amputation, PT assessment and management for the same.

OR

List the causes for IVDP. Explain PT assessment and management for failed back syndrome.

SHORT ESSAYS (Question No.3 & 12 choice)

10 x 5 = 50 Marks

3. Role of yoga in the treatment of cervical spondylosis

OR

Classify ankle instability. Explain the PT rehabilitation to improve the ankle stability

4. List the causes for osteoporosis, write the PT management emphasising on exercises
5. Explain the various spinal orthoses and describe SOMI brace
6. Define Rheumatoid Arthritis and its deformities. Explain PT management for foot deformities in RA
7. Describe Carpal tunnel syndrome and write the PT management for the same
8. Explain the PT management for supraspinatus tendinitis
9. Indications for Total knee replacement, explain post-operative PT management
10. Explain PT rehabilitation for sub- acute stage of Ankylosing spondylitis
11. Explain the PT management following ulnar nerve injury
12. What is Plantar fasciitis and its PT management

OR

Define spondylolisthesis, name the types of and explain the PT management

SHORT ANSWERS

10 x 3 = 30 Marks

13. Sacral angle
14. Ober's Test
15. Significance of Q angle
16. Intrinsic plus deformity
17. Any two indications and contra indications of mobilization
18. Volkmann's ischemic contracture
19. Define flexibility
20. Any two tests for tennis elbow
21. Precautions following Total hip replacement
22. Thomas splint.
