

# Rajiv Gandhi University of Health Sciences, Karnataka

## III Year B.P.T. Degree Examination - OCT-2019

Time: Three Hours

Max. Marks: 100 Marks

### MUSCULOSKELETAL & SPORTS PHYSIOTHERAPY

### Q.P. CODE: 2745 (RS-5)

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. Describe the different stages in intervertebral disc degeneration with physical therapy management of cervical spondylosis.
2. A **21** year old man sustained fracture shaft of humerus which is reduced and treated conservatively with plaster of Paris slab, visited a physical therapy clinic one day after the removal of slab for further management. List out the assessment, aims and means of treatment for the same.
3. Write signs, symptoms and PT management following Below knee Amputations.

#### SHORT ESSAYS (Answer any Twelve)

12 x 5 = 60 Marks

4. Formulate PT treatment following TKR.
5. Explain the 3 pain syndromes of McKenzie's concept,
6. What are the gait deviations observed in scissoring gait?
7. Mention the physical therapy management **for a** patient with osteomyelitis of knee at chronic stage.
8. Write a note on Perthe's disease.
9. What are the causes of cervical **rib**? Explain any one test for cervical rib.
10. Lower limb neural tissue tension tests and their interpretation.
11. Principles of Maitland mobilization technique.
12. Physical fitness tests.
13. Characteristics of ideal stumps.
14. Physiotherapy management for tennis elbow.
15. Role of physiotherapy in sacro iliac joint pain.
16. What are the causes of genu recurvatum? Write about the physiotherapy management of genu recurvatum.
17. What is Volkmann's ischemic contracture? Mention the physical therapy **treatment for the** \_\_\_\_\_  
same.

#### SHORT ANSWERS

10 x

18. Significance of 'Q' angle.
19. Hoffa's Syndrome.
20. Bowstring test.
21. What is P.R.I.C.E?
22. Principles of tendon transfer.
23. ULTT-2.
24. Slump test.
25. Cobb's angle.
26. SACH's foot.
27. Mention types of spinal canal stenosis.