

# Rajiv Gandhi University of Health Sciences, Karnataka

Final year B.P.T Degree Examination - APRIL-2019

Time: Three Hours

Max. Marks: 100 Marks

## PHYSIOTHERAPY IN ORTHOPEDICS (OS, RS St R52)

Q.P. CODE: 2169

Your answers **should** be specific **to the** questions asked  
Drays, neat, **labeled** diagrams wherever necessary

### LONG ESSAYS (Answer any Four)

4 x 10 = 40 Marks

1. Write down the physiotherapy assessment for a case of posterolateral disc **prolapse L4-L5 level with pain radiating** to left **thigh. Add a note on** interpretation of special test.
2. A **21** year old man sustained fracture shaft of humerus which was reduced and treated conservatively. He visited clinic one day after the removal of slab. List out the assessment and goals o: management.
3. A 60 year woman with severe osteoarthritis underwent a Total Knee Replacement (TKR) surgery three days **back-write down the** short term and long term physiotherapy management.
4. Describe the clinical features of adhesive capsulitis of shoulder joint. Write the physiotherapy management to improve jo'nt range of motion.
5. Classify meniscal injury of knee joint. **Write** the short and long term physiotherapy management for grade two injury treated surgically.

### SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

6. Name the Upper limb neural tissue tension tests (ULTT). Discuss the interpretation of LITT tests.
7. What are the causes of myositis ossificans? Write a note on physiotherapy management in acute myositis ossificans.
8. Write the postoperative physiotherapy management of patellectomy for a 30 year old male following communitied fracture patella.
9. Describe the physiotherapy management **for patients** with shoulder instability.
10. What are the causes **of spinal** fracture? **Explain physiotherapy** management for T10 level spinal acute **fracture.**
11. **What** is spondylolisthesis? Write down the exercises. **Which can be given for an adult who has a spondylolisthesis** at L5 over 51
12. Explain the physiotherapy management for a child with congenital hlp dislocation presenting with gait abnormalities.
13. What are the characteristics of an ideal **stump?**
14. Describe the clinical features of smith fracture. Add a note on techniques of strengthening exercises for the wrist joint.

### SHORT ANSWERS

10 x 2 = 20 Marks

15. What are the Indications for Ober's test?
16. Name two tests for carpal tunnel syndrome.
17. What are the clinical features of Congenital **Talipes Equino Glarus (CTEV)?**
18. Differentiate static and dynamic splints
19. Write the **indications** for ankle foot orthosis.
20. Name the muscles involved in tennis elbow.
21. Name contraindications **for lumbar** traction with justifications.
22. **What are** the causes of **trigger** finger?
23. What is true length measurement of lower extremity?
24. What are **rotator** cuff muscles?