

**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 askedDraws, 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 of 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 joint 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 comminuted 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 hip 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 Varus (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?