



**PRACTICE SET**  
**End Semester Examination, Spring- 2026**

**Program: B.P.T**

**Semester: VI**

**Subject: Physiotherapy in Orthopaedic Conditions**

**Subject Code: 23A602**

**Course Outcome:**

<b>Course Outcome</b>	<b>Description</b>
CO1	Understand different orthopaedics clinical conditions related to Extremities and Spine.
CO2	Integrate orthopaedics theoretical knowledge in Physiotherapy
CO3	Demonstrate clinical decision-making ability and treat different musculoskeletal conditions.

**UNIT I**

**Section A (10 marks)**

1. Enumerate the complications of fractures (early and late). (C01) (Remember – LOT)
2. Discuss the physiotherapy management of spinal fractures.(CO3) (Understand – LOT)
3. Demonstrate physiotherapy assessment and management for a patient with hip dislocation. (CO3) (Apply- LOT)
4. Design a physiotherapy treatment plan for a patient with CTEV. (CO3) (Apply- LOT)
5. Explain the causes and physiotherapy management of scoliosis and kyphosis. (CO3) (Understand – LOT)

**Section B (20 marks)**

6. Analyze the physiotherapy assessment and management of upper limb fractures and dislocations with suitable examples. (CO3) (Analyze – HOT)

7. Develop a treatment plan for managing post-fracture deformities such as genu valgum or coxa vara. (CO3) (Create- HOT)

## UNIT II

### Section A (10 marks)

8. List the causes and clinical features of septic arthritis. (CO2) (Remember – LOT)
9. Discuss the physiotherapy management of osteoarthritis of the knee and hip. (CO3) (Understand – LOT)
10. Demonstrate assessment and treatment planning for a patient with ankylosing spondylitis. (CO3) (Apply- LOT)
11. Design a physiotherapy protocol for a patient with chronic osteomyelitis. (CO3) (Apply- LOT)

### Section B (20 marks)

12. Analyze the management of TB spine and its impact on functional outcomes. (CO3) (Analyze – HOT)
13. Develop a physiotherapy protocol for managing hip joint involvement in TB. (CO3) (Create- HOT)

## UNIT III

### Section A (10 marks)

14. Define spinal canal stenosis and list its symptoms. (CO1) (Remember – LOT)
15. Define spondylolisthesis and spondylolysis. (CO1) (Remember – LOT)
16. Apply physiotherapy management in a patient with spinal canal stenosis. (CO3) (Apply- LOT)
17. Apply postural correction and ergonomic advice for a patient with cervical spondylosis. (CO2) (Apply- LOT)
18. Describe the aims and physiotherapy management of lumbar spondylosis. (CO3) (Understand – LOT)

### Section B (20 marks)

19. Analyze the physiotherapy assessment and management of intervertebral disc prolapse. (CO1) (Analyze – HOT)
20. Evaluate the effectiveness of physiotherapy interventions in managing sacroiliac joint dysfunction. (CO3) (Evaluate-HOT)

## UNIT IV

### Section A (10 marks)

21. Define peri-arthritis shoulder and list its stages. (CO2) (Remember – LOT)
22. Describe conservative and post-operative physiotherapy management of rotator cuff tears. (CO3) (Understand – LOT)

23. Discuss physiotherapy rehabilitation of AC joint injuries. (CO3) (Understand – LOT)
24. Apply physiotherapy management for a patient with thoracic outlet syndrome. (CO3) (Apply- LOT)
25. Explain the causes and management of De Quervain's tenosynovitis. (CO2) (Understand – LOT)

**Section B (20 marks)**

26. Differentiate and analyze impingement syndrome and periarthrits shoulder. (CO3) (Analyze – HOT)
27. Critically evaluate physiotherapy interventions in carpal tunnel syndrome. (CO3) (Evaluate-HOT)

**UNIT V**

**Section A (10 marks)**

28. List the causes and clinical features of plantar fasciitis. (CO2) (Remember – LOT)
29. Define patellofemoral pain syndrome (PFPS) and plica syndrome. (CO2) (Remember – LOT)
30. Explain post-operative physiotherapy management after total hip replacement. (CO3) (Understand – LOT)
31. Demonstrate a rehabilitation program for PCL injury reconstruction. (CO3) (Apply- LOT)
32. Discuss post-operative management following meniscectomy and meniscal repair. (CO3) (Understand – LOT)

**Section B (20 marks)**

33. Design a comprehensive rehabilitation protocol for a patient after total Knee replacement. (CO3) (Create- HOT)
34. Compare and analyze rehabilitation protocols for ACL, and PCL reconstruction. (CO3) (Analyze – HOT)

**UNIT VI**

**Section A (10 marks)**

35. Define amputation and list its levels. (CO2) (Remember – LOT)
36. Define stump care and bandaging. (CO2) (Remember – LOT)
37. Describe pre-operative physiotherapy management in amputation. (CO3) (Understand – LOT)

38. Demonstrate stump bandaging techniques for above-knee amputation. (CO1) (Apply- LOT)

**Section B (20 marks)**

39. Analyze the importance of stump care and bandaging in prosthetic fitting. (CO3)  
(Analyze – HOT)

40. Formulate a long-term physiotherapy management plan including home program for amputee patients. (CO3) (Create- HOT)

**Summary Sheet:**

**UNIT Wise**

UNIT	Q.No.	Marks
1	1,2,3,4,5,6,7	90
2	8,9,10,11,12,13	80
3	14,15,16,17,18,19,20	90
4	21,22,23,24,25,26,27	90
5	28,29,30,31,32,33,34	90
6	35,36,37,38,39,40	80
<b>Total</b>		<b>520</b>

**CO Wise**

UNIT	Q.No.	Marks
CO1	1,14,15,38	40
CO2	8,17,19,21,25,28,29,35,36	90
CO3	2,3,4,5,6,7,8,9,10,11,12,13,16,18,20,22,23,24,26,27,30,31,32,33,34,37,39,40	390
<b>Total</b>		<b>520</b>

**BLT Wise**

<b>BLT</b>	<b>Q. No.</b>	<b>Marks</b>
<b>LOT</b>	1,2,3,4,5, 8,9,10,11, 14,15,16,17,18,21,22,23,24,25,28,29,30,31,32,35,36,37,38	280
<b>HOT</b>	6,7, 12,13, 19,20, 26,27,33,34, 39,40	240
<b>Total</b>		<b>520</b>

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**Disclaimer:** -This is a Practice set. The Question in End term examination will differ from the Practice set. This Practice set is meant for practice only.