

End Semester/Reappear (Semester VI) Examination May 2025
Programme: BPT
Course: Physiotherapy in Orthopaedic Conditions
Course Code: 23A602
Enrolment no.
Full Marks: 70
Time: 3 Hrs.

Q.No.	Questions	CO	Bloom Taxonomy Category	Marks
Section I				
1	Short Answer type questions.			
a	Describe the physiotherapy management of CTEV.	CO3	Understand	4 x 5 = 20
	or			
b	Describe the clinical presentation and management of gout.	CO3	Remember	
	or			
c	What do you understand by the term spondylosis, spondylolysis and spondylolisthesis?	CO2	Understand	
	or			
d	Define spondylolisthesis. What are the different grades of spondylolisthesis?	CO2	Remember	
	or			
e	What are the potential complications of amputation?	CO2	Understand	
	or			
f	What is thoracic outlet syndrome? What is the clinical presentation of the patient in TOS?	CO2	Remember	
	or			
g	Describe the special test used for clinical diagnosis of tennis elbow.	CO1	Understand	
	or			
h	Describe the clinical presentation, diagnosis, and management of coccygodynia.	CO1	Understand	
	or			
Section II				
Long Answer type questions.				
2	Describe the Kellgren-Lawrence grading of osteoarthritis. Plan the physiotherapy treatment protocol as per the above mentioned grading system of osteoarthritis.	CO1	Apply	3 x 10 = 30
	or			
3	How will you clinically diagnose the condition congenital dislocation of hip?	CO1	Analyze	
	or			
4	Describe the method of measurement of scoliotic angle. Write down the physiotherapy management of scoliosis.	CO3	Analyze	
	or			
5	What do you understand by Reflex sympathetic dystrophy? Discuss the clinical presentation and physiotherapy management of reflex sympathetic dystrophy.	CO3	Analyze	
	or			
6	What is secondary osteomyelitis? Elaborate how osteomyelitis can lead to septic arthritis.	CO2	Analyze	
	or			
7	What do you understand by Pott's paraplegia? Discuss the pathophysiology of Pott's disease and its clinical presentation.	CO2	Remember	
	or			
Section III				
Application based questions.				
8	A 40 year old female patient present with the history of fall from height on her back 1 month ago. X-ray shows L1 compression fracture which was managed by pedicle screw fixation. Now she reported with the complaints of back pain, tingling sensations in bilateral lower limb and stiffness of spine. Discuss assessment and physiotherapy management of this patient.	CO3	Apply	1 x 20 = 20
	or			
9	A 55 year old female present with the complaints of multiple small joints pain of bilateral hand, morning stiffness and fatigue since last 4 year. Observation shows ulnar drift, Z deformity, Swan neck deformity in hand. Draw an assessment outline of the condition. Discuss the provisional diagnosis and physiotherapy management of this case.	CO3	Analyze	
	or			

COURSE OUTCOME
At the end of course, candidate will able to

CO1 Understand relevant investigations technique which will help to diagnosed various orthopedic conditions.

CO2 Integrate theoretical knowledge with clinical assessment

CO3 Demonstrate clinical decision making ability and treat different musculoskeletal conditions.