

MASTER OF PHYSIOTHERAPY (MPT)
SEMESTER -IV EXAMINATION, JUNE-2026

(MPT1 402) MUSCULOSKELETAL DISORDERS- PHYSIOTHERAPEUTIC-II

[Time allotted: Three Hours]

[Max Marks: 100]

Note: Read all the instructions carefully

Answer all questions in serial order. Draw suitable diagrams wherever necessary

Q. 1. Objective type questions: (Attempt All)

(10 x 02 = 20)

(Very short/ short answer/ MCQ/ One liners/ Fill in the blanks/ True/False)

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| <p>a. What is Achilles tendo- pathy?</p> <ol style="list-style-type: none"> i. Inflammation of the achilles tendon ii. Rupture of the achilles tendon iii. Degenerative iv. Infection <p>b. What is a common symptom of achilles tendinopathy?</p> <ol style="list-style-type: none"> i. Pain in the heel ii. Numbness in the foot iii. Pain in the lower back iv. Swelling in the knee <p>c. Which tendon is affected in bicipital tendinitis?</p> <ol style="list-style-type: none"> i. Rotator cuff tendon ii. Triceps tendon iii. Long head of the biceps iv. Supraspinatus tendon <p>d. Which diagnostic test is commonly used to evaluated shoulder instability?</p> <ol style="list-style-type: none"> i. MRI ii. Ultrasound iii. Blood test iv. CT Scan <p>e. Which type of shoulder instability involves the shoulder dislocating out of the front of the joint?</p> <ol style="list-style-type: none"> i. Posterior instability ii. Multidirectional instability iii. Anterior instability iv. Interior instability | <p>f. What is a Baker's cyst?</p> <ol style="list-style-type: none"> i. An infection of the knee ii. A fluid filled swelling behind the knee iii. A type of knee ligament tear iv. A form of arthritis <p>g. What type of orthotic device is commonly recommended for planter fasciitis?</p> <ol style="list-style-type: none"> i. Heel cups ii. Metatarsal pads iii. Arch supports iv. Toe spaces <p>h. What is an important lifestyle modification to help manage plantar fasciitis?</p> <ol style="list-style-type: none"> i. Increasing running mileage ii. Wearing high heeled shoes iii. Avoiding prolonged standing iv. Engaging in high -impact sports. <p>i. Which of the following is a common type of benign bone tumor?</p> <ol style="list-style-type: none"> i. Osteosarcoma ii. Osteochondroma iii. Ewing's sarcoma iv. Condro sarcoma <p>j. What is a primary goal of physical therapy in the management of torticollis?</p> <ol style="list-style-type: none"> i. Medication management ii. Surgical intervention iii. Improving neck range of motion and strength iv. Orthotic support |
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Q. 2. Short notes/ Short answer type questions (Attempt any Five)

(05 x 04 = 20)

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| <p>a. How does splinting assets in the management of Dupuytren's contracture.</p> <p>b. Discuss the role of proprioceptive training in wrist sprain rehabilitation.</p> <p>c. Define assessment of Dupuytren's contracture.</p> <p>d. Recent advancement of the physiotherapy management of bicipital tendinitis.</p> <p>e. Define the home care program of scoliosis.</p> <p>f. Write physiotherapy management for plantar fasciitis.</p> <p>g. Write assessment for a scoliosis patient.</p> | <p>CO1, CO2</p> <p>CO1, CO2,</p> <p>CO1</p> <p>CO6</p> <p>CO5</p> <p>CO 6</p> <p>CO 1</p> |
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Q. 3. Structured questions (Attempt any **Three**)

(03 x 10 = 30)

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| a. Define bicipital tendinitis. | CO1 |
| i. Assessment and special test. | CO4 |
| ii. Physiotherapy management protocol. | CO2 |
| iii. Home care program. | CO4 |
| b. Shoulder instability | CO1 |
| i. Assessment and special test | CO4 |
| ii. Physiotherapy management protocol. | CO2 |
| iii. Recent advance management | CO6 |
| c. Define low back pain. | CO1 |
| i. Assessment and special test | CO4 |
| ii. Physiotherapy management protocol. | CO2 |
| iii. Recent advance management | CO6 |
| d. Meniscus tear | CO1 |
| i. Assessment. | CO2 |
| ii. Primary goal of the non-surgical management | |
| iii. Recent advance management. | CO6 |

Q. 4. Long Answer/ Essay type questions (Attempt any **Two**)

(02 x 15 = 30)

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| a. Describe thoracic outlet syndrome. | CO1 |
| i. Assessment | CO4 |
| ii. Recent advance management of physiotherapy | CO6 |
| b. Define tumours. | CO1 |
| i. Physiotherapy management in geriatric care. | CO3 |
| ii. Recent advance and physiotherapy management. | CO6 |
| c. Define baker's cyst | CO1 |
| i. Assessment | CO4 |
| ii. Physiotherapy management | CO3 |