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**School of Medical and Allied Sciences**

**Master of Physiotherapy Specialization in Orthopedics  
Semester End Examination - May 2024**

**Duration : 180 Minutes**

**Max Marks : 100**

**Sem IV - MPTM6007 - Orthopedics Physiotherapy-II***General Instructions*

*Answer to the specific question asked*

*Draw neat, labelled diagrams wherever necessary*

*Approved data hand books are allowed subject to verification by the Invigilator*

- 1) Find the significance of anthropometric measurements in physiotherapy. K1 (2)
- 2) Explain the principles of evidence-based practices in physiotherapy. K2 (4)
- 3) Summarize the key components of postural re-education and their impact on patient outcomes. K2 (6)
- 4) Develop a systematic approach for integrating gait analysis into routine orthopaedic assessments. K3 (9)
- 5) Develop an protocol for testing the effectiveness of a new orthopaedic intervention. K3 (9)
- 6) Deduct the potential causes of gait abnormalities based on gait analysis findings. K5 (10)
- 7) Analyze the conclusion of a research study on the effectiveness of a specific manual therapy technique. K4 (12)
- 8) Award points to different special tests based on their sensitivity and specificity. K5 (15)
- 9) Assess the effectiveness of the Mulligan technique in treating spinal dysfunctions. K5 (15)
- 10) Elaborate on the role of advanced manual therapy techniques in preventing injury recurrence. K6 (18)