

Printing Pages : 1

Paper Code : MPT -203

20-05-25

(A) SVSU 2024-25/R

Enrollment No.

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Master of Physiotherapy (MPT)

2nd Year Examination

Subject – Subject: Biomechanics

Paper Code: (MPT -203)

Time: 3 hours

Max. Mark: 100

Note: Attempt the all question as per the instructions.

Section – A (Long answer questions)

Attempt any two questions

(20*2=40)

Q1. Explain the Kinetics and Kinematics of the Knee joint?

Q2. Analyze GAIT and Discuss RLA classification in detail?

Q3. Describe Static and Dynamic Stability of the shoulder joint
With Diagrammatical Presentation.

Section – B (Short answer questions)

Attempt any six questions

(10*6=60)

Q1-Define the Active and Passive Insufficiency of muscle in detail.

Q2-Explain the mechanical Properties of Ligament in detail.

Q3-Explain Pronation and Supination twist in detail.

Q4-Describe length tension relationship of a muscle.

Q5-Describe mechanical Properties of a tendon in detail.

Q6. Justify the Role of Natural pulleys in Human Body.

Q7. Describe the Humeroscapular rhythm and its clinical Importance.
