

PAPER CODE: MPT40141

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
TELANGANA STATE, WARANGAL – 506 002**

MPT FINAL YEAR DEGREE SUPPLEMENTARY EXAMINATIONS: JULY 2025

**ANATOMY, PHYSIOLOGY AND PATHOMECHANICS RELATED TO
SPORTS MEDICINE
PAPER- V**

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write an essay on the following:

3 X 20 = 60

1. Neurobiology of Joint and Muscles of Shoulder Joint.
2. Mechanics and pathomechanics of Knee Joint.
3. Immobilization and Remobilization in response to Joint Shoulder Injury.

Write short note on the following:

5 X 8 = 40

4. Re- conditioning.
5. Circuit resistance training and its importance.
6. Functional limitations in Sports injuries.
7. Fatigue and its causes.
8. Co-Contraction of Muscle.
