

PAPER CODE: MPT40141

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002
M.P.T FINAL YEAR SUPPLEMENTARY EXAMINATIONS – MAY 2026
ANATOMY, PHYSIOLOGY AND PATHOMECHANICS RELATED TO
SPORTS CONDITIONS
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. Discuss in detail the Biomechanics of Throwing in Over Head Sport activities.
2. Explain the structure of shoulder joint. Write about the dynamic stabilizers of shoulder joint.
3. Describe the physiological changes during exercise.

Write short notes on the following:

5 X 8 = 40

4. Classification of joints, explain the detailed structure of bones.
5. Write in detail the properties of connective tissue.
6. Mention the physical properties of water. Explain the effects of water immersion and its therapeutic value.
7. Mention the nerve supply and muscles of face.
8. Describe sliding filament theory of muscle contraction.

* * * * *