

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA– 506 002
MPT FINAL YEAR DEGREE SUPPLEMENTARY EXAMINATIONS: JULY 2025**

**ANATOMY, PHYSIOLOGY AND PATHOMECHANICS RELTED TO
ORTHOPEDICS
PAPER-V**

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write Essay on the following:

3 X 20 = 60

1. Elaborate on Anatomical, physiological changes on Nervous system and Musculoskeletal System with ageing and immobilization.
2. Explain any four Lower Extremity deformities in Orthopaedic conditions and their Pathomechanics.
3. Discuss structure of Humerus with Muscle attachments.

Write short note on the following:

5 X 8 = 40

4. Pelvis.
5. Neuromuscular Junction.
6. Locking and unlocking of Knee Joints.
7. Myotomes of Upper Limbs.
8. Write on general properties of Connective Tissues.

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