

**PAPER CODE: MPT40111**

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES**  
**WARANGAL, TELANGANA STATE – 506 002**  
**MPT FINAL YEAR DEGREE EXAMINATIONS – DECEMBER 2025**  
**PAPER- V**

**(ANATOMY, PHYSIOLOGY & PATHOMECHANICS RELATED TO ORTHOPEDICS)**

**Time: 3 Hours.**

**Max Marks: 100**

**Note:** Answer all questions.

Give Diagrammatic representation wherever necessary.

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**Write an essay on the following:**

**3 X 20 = 60**

1. Describe the course, relations and applied anatomy of Radial Nerve.
2. Describe the Pathomechanics of Knee Deformities.
3. Describe the Embryonic development of Skeletal Muscle.

**Write a short note on the following:**

**5 X 8 = 40**

4. Dermatomes.
5. Quadratus Lumborum (Origin, insertion, action and nerve supply).
6. Pathomechanics of Fracture.
7. Types of Ossification.
8. Factors promoting Nerve Regeneration.

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