

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

MPT FIRST YEAR DEGREE EXAMINATIONS: DECEMBER, 2024

PYSIOTHERAPEUTIC- I

PAPER-I

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. Explain the types of Needles used for EMG recording and give a detailed explanation of various insertional activities produced during EMG recording.
2. Discuss in detail about production, physiological effects, and therapeutic effects, types of application, contraindication and indications of SWD with recent advances.
3. Explain the testing of Autonomic Nervous System in detail.

Write a short note on the following:

5 X 8 = 40

4. Generation and propagation of Action Potential.
5. Write the types of application of Therapeutic Ultrasound in various Conditions.
6. Principles of Traction and its implications in the management of Lower Back Pain.
7. Indications and Contraindication and types of Transcutaneous Electrical Stimulation.
8. Blink Reflex.
