

PAPER CODE: MPT4004

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

WARANGAL, TELANGANA– 506 002

MPT FIRST YEAR DEGREE SUPPLEMENTARY EXAMINATIONS: MAY, 2025

PAPER- II

(PYSIOTHERAPEUTIC- II)

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. Explain Energy Transfer, Energy released from food and energy expenditure during Rest.
2. Explain the Acute and Chronic Responses of Endocrine System to Exercise.
3. Write an essay on Obesity and weight Control.

Write short note on the following:

5 X 8 = 40

4. Types of Treadmill in Exercise training
5. Exercise Prescription.
6. Manual Muscle Testing– Grades and Principles.
7. Aerobic and Anaerobic Exercises.
8. Swiss Ball Exercises for Core Strengthening.

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