

PAPER CODE: MPT4001

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

M.P.T FIRST YEAR DEGREE EXAMINATIONS – MAY 2026

BASIC SCIENCES

PAPER- I

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write an essay on the following:

4 X 20 = 80

1. Describe the anatomy of Heart, its Blood & Nerve Supply with diagram.
2. Mechanism of Respiration.
3. Biomechanics of Skeletal Muscle.
4. Proactive Teaching Grid.

Write short note on the following:

4 X 5 = 20

5. Femoral Triangle.
6. Cardiac output during Exercise.
7. Legal and ethical Penalties.
8. Collagen Fibres.

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