

PAPER CODE: MPT4001

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

**MPT FIRST YEAR DEGREE EXAMINATIONS: DECEMBER, 2024
BASIC SCIENCES**

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. Explain in detail about Cardiac Cycle. Add a note on ECG changes in myocardial Infarction.
2. Explain in detail about Pyramidal Tract.
3. Explain the kinetics and kinematics of Shoulder Joint.
4. Explain the guidance and counselling in Physiotherapy Education.

Write a short note on the following:

4 X 5 = 20

5. Methods of Teaching.
6. Movements of Lumbosacral Joint.
7. Broncho Pulmonary Segments.
8. Oxygen Deficit.
