

PAPER CODE: 1170

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

M.D/ M.S DEGREE SUPPLEMENTARY EXAMINATIONS: MAY,2025

**BIOCHEMISTRY
PAPER – I
(PHYSICAL CHEMISTRY AND ORGANIC CHEMISTRY)**

Time: 3 Hours

Max Marks: 100

Note: Answer all questions

Give Diagrammatic representation wherever necessary

Write a short essay on the following:

10 X 10 = 100

1. Structure and functions of Haemoglobin.
2. Trans fats.
3. Physiologically important nucleotides.
4. Intracellular traffic and sorting of proteins.
5. Composition and importance of extracellular matrix.
6. Principle and applications of fluorometry.
7. DNA chip technology.
8. Types of sampling methodologies.
9. Systematic reviews.
10. Taxonomy of learning
