

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

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

BIOCHEMISTRY

PAPER – III

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. Replication fork.
2. Post —transcriptional processing.
3. Differentiate eukaryotic and prokaryotic translation processes.
4. Vectors for cloning.
5. Monogenic and polygenic disorders.
6. Types of stem cells.
7. Genetic basis of carcinogenesis.
8. Cytokines.
9. Ethical and legal issues related to medical genetics.
10. Immunotherapy.
