

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

M.D/ M.S DEGREE SUPPLEMENTARY EXAMINATIONS: MARCH, 2026

**BIOCHEMISTRY
PAPER – II**

Time: 3 Hours

Max Marks: 100

Note: Answer all questions

Give Diagrammatic representation wherever necessary

Write an essay on the following:

10 X 10 = 100

1. Isoenzymes.
2. Role of mitochondria in cellular energy production.
3. Glycogenolysis and disorders of it.
4. Diabetic nephropathy- biochemical aspects.
5. Alpha oxidation.
6. Metabolism of HDL cholesterol.
7. Polyol pathway.
8. Hormones of Adipose tissue and obesity.
9. Urea cycle defects.
10. Salvage pathway in Purine metabolism.
