

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

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

BIOCHEMISTRY

PAPER – II

(CHEMISTRY AND METABOLISM)

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. High energy compounds.
2. Regulation of glycogen metabolism.
3. Metabolism of ethanol.
4. Metabolism in adipose tissue.
5. Digestion and absorption of proteins.
6. Salvage pathway of purines.
7. Degradation of heme.
8. Nutritional supplements.
9. Daily recommended allowance and biochemical role of vitamin B12.
10. Dietary sources and diagnostic tests to detect deficiency of copper.
