

PAPER CODE: ML722

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

WARANGAL, TELANGANA STATE – 506 002

B.Sc. (MLT) FINAL YEAR DEGREE SUPPLEMENTARY EXAMINATIONS: JULY, 2025

BIOCHEMISTRY -II

Time: 3 Hours

Max Marks: 80

Note: Answer all questions

Give Diagrammatic representation wherever necessary

Write an essay on any TWO of the following:

2 X 10 = 20

1. Define Chromatography, give the classification. Explain the principle and application of paper Chromatography.
2. What are the different types of Structure of Proteins and their stabilizing bonds with examples?
3. Classification of Enzymes and write in detail the factors affecting the Enzyme Action.

Write a short note on any SIX of the following:

6 X 5 = 30

4. Glycosuria.
5. Functions of Calcium.
6. Fatty Liver.
7. Gastric Juice Analysis.
8. ABG- principles and its uses.
9. Quality control charts.
10. Preparation of Protein free Filtrate.
11. Amino Acidurias.

Write briefly on the following:

10 X 3 = 30

12. Accuracy.
13. Urea Clearance.
14. Write two tumour markers.
15. Normal values of Electrolytes.
16. Name two Anticoagulants.
17. Normal Range of Plasma Proteins.
18. Ketonuria with examples.
19. Wilson's disease.
20. CPK importance and its ISO Enzymes.
21. Foutches Test and its importance.
