

QP CODE: 103326

Reg. No:

First Year Pharm D Degree Supplementary Examinations March 2024

Medicinal Biochemistry

Time: 3 Hours

Total Marks: 70

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(3x10=30)

1. Describe in detail about the reactions of TCA cycle.
2. Write the biosynthesis of purine nucleotides.
3. Define and classify enzymes. Explain the factors affecting enzyme activity.

Short notes:

(8x5=40)

4. Write a note on the galactose tolerance test with its significance.
5. Explain briefly the functions of lipoproteins.
6. Write a note on the creatinine clearance test.
7. Discuss Radio Immuno Assay
8. Transamination and deamination.
9. Explain cyclic AMP and its biological significance briefly.
10. The genetic code and its features.
11. Write two dye tests of excretory function.
