

QP CODE: 103326

Reg. No:

**First Year Pharm D Degree Supplementary Examinations
February 2026**

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. Enumerate the various liver function tests and discuss the tests for serum bilirubin and urine bilirubin.
2. Describe the reaction, regulation and metabolic significance of citric acid cycle.
3. Discuss in detail about the metabolism of Cholesterol.

Short notes:

(8x5=40)

4. Write about Cyclic AMP and their biological significance.
5. Brief about Radio Immuno Assay.
6. Kidney Function Tests.
7. Diabetes mellitus.
8. Write about Urea cycle and its metabolic disorders.
9. DNA Replication.
10. What are Lipid profile Tests. Write its significance.
11. Enumerate the IUB classification of enzymes with example.
