

QP CODE: 103326

Reg. No:

**First Year Pharm D Degree Supplementary Examinations
December 2019**

Medicinal Biochemistry

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essays

(3x10=30)

1. Explain the citric acid cycle in detail with energetics and significance
2. Explain the functions of kidney in the body. Explain any two kidney function tests.
3. Elaborate the semi-conservative replication of DNA. Add a note on genetic code.

Short notes:

(8x5=40)

4. Functions of Sodium and Potassium in the body
5. Lipid profile tests
6. Radioimmunoassay (RIA)
7. Iso-enzymes
8. Mitochondria – functions
9. Atherosclerosis
10. Urea cycle
11. Oxidative phosphorylation
