

Q.P. CODE: 113019

Reg. No:

**First Year B.Sc Medical Microbiology & Medical Biochemistry Degree
Supplementary Examinations June 2024**

Paper III – General Biochemistry

(2016 Scheme)

(Common for both specialty)

Time: 3 Hrs

Max. Marks: 50

- *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:

(2x10=20)

1. Differentiate eukaryotic and prokaryotic cell. Describe the important cell organelles.
2. Classify amino acids. Add a note on general reactions of amino acids.

Short Notes:

(2x5=10)

3. Classification of carbohydrates.
4. Biochemical role of Vitamin D.

Answer briefly:

(10x2=20)

5. Osmosis.
6. Benzene as a solvent.
7. Disaccharides.
8. Selenium.
9. Mechanism of action of buffers.
10. Types of RNA.
11. Properties of fatty acids.
12. Classification of enzyme.
13. Functions of phospholipids.
14. Pyrimidines.
