

Q.P. CODE: 113019

Reg. No:

**First Year B.Sc Medical Microbiology & Medical Biochemistry Degree
Regular/Supplementary Examinations November 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. Describe the dietary sources, functions and deficiency manifestations of vitamin D (1+5+4)
2. Describe the structure and functions of protein (5+5)

Short Notes:

(2x5=10)

3. Classification of amino acids based on metabolic fate
4. Functions of Phospholipids

Answer briefly:

(10x2=20)

5. Weak Acid
6. Diffusion
7. HDL (High Density Lipoprotein)
8. Scurvy
9. Nucleotide
10. Peroxisomes
11. Nitric Acid
12. Properties of benzene
13. Glycogen
14. Copper
