

Q.P. CODE: 113019

Reg. No:

**First Year B.Sc Medical Microbiology & Medical Biochemistry Degree
Regular/Supplementary Examinations March 2022**

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 structure and functions of bio membranes
2. What are buffers. Discuss components and mechanism of action of buffers. Name any two commonly used buffers in the laboratory.

Short Notes:

(2x5=10)

3. Structure of DNA
4. Trace elements

Answer briefly:

(10x2=20)

5. Sulphuric acid
6. Dialysis
7. Isoelectric point
8. Primary structure of proteins
9. Homo polysaccharides
10. tRNA
11. Waxes
12. Name any two indicators used in laboratory and their uses
13. Purines of nucleic acids
14. Iodine
