

Q.P. CODE: 103019

Reg. No:

**First Year B.Sc Medical Microbiology Degree Supplementary
Examinations October 2018**

Paper III - General Biochemistry

(2014 Scheme)

Time: 2 Hrs

Max. Marks: 50

- Answer all questions
- Draw diagram wherever necessary

Essays: (15)

1. Classify enzymes, defining each class with examples.

Short essay: (10)

2. Classify lipids with examples.

Short notes: (3x5=15)

3. Describe briefly the Henderson-Hassalbach equation
4. Sources, functions and deficiency diseases of folic acid.
5. Sources and functions of Calcium

Answer briefly: (5x2=10)

6. Plasma Proteins.
7. Name two phospholipids and their components
8. With a figure label the four major bands of serum proteins formed by electrophoresis
9. Name and illustrate with a figure the two isomers of glucose
10. Explain the difference between glucogenic and ketogenic amino acids with one example each
