

Q.P. CODE: 113019

Reg. No:

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

Paper III – General Biochemistry

(2016 Scheme)

(Common for both specialty)

Time: 3 Hrs

Max. Marks: 50

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2x10=20)

1. Describe the dietary sources, RDA, functions and deficiency manifestations of vitamin A.
2. Give an account of the structural organisation of proteins

Short Notes:

(2x5=10)

3. Draw and describe the fluid mosaic model of membrane.
4. Phospholipids and their functions

Answer briefly:

(10x2=20)

5. Mutarotation
6. Muco-polysaccharides
7. Differences between DNA and RNA
8. Polyunsaturated fatty acids
9. Osmosis
10. Uses of ammonium sulphate in protein chemistry
11. Blood buffers
12. Epimers
13. Coenzymes
14. Trace elements
