

Q.P. CODE: 113019

Reg. No:

**First Year B.Sc Medical Microbiology & Medical Biochemistry Degree
Supplementary Examinations April 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 D.
2. What are enzymes. Classify enzymes giving suitable examples

Short Notes:

(2x5=10)

3. Disaccharides of physiological importance.
4. Classify lipids giving suitable examples.

Answer briefly:

(10x2=20)

5. Henderson – Hasselbach equation and its significance.
6. Secondary structure of proteins.
7. Structure of DNA.
8. Marker enzymes.
9. Diffusion
10. Denaturation of proteins.
11. Starch
12. Deficiency manifestations of thiamine
13. tRNA
14. Absorption and transport of iron.
