

Q.P. CODE: 103020

Reg. No:

**First Year B.Sc Medical Biochemistry Degree Supplementary
Examinations November 2017**

Paper III - General Biochemistry

(2014 Scheme)

Time: 2 Hrs

Max. Marks: 50

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2x10=20)

1. Explain the sources, biochemical functions and deficiency manifestations of vitamin D
(1+5+4=10)
2. Classify lipids. What are the properties of fatty acids. Explain briefly on phospholipids
(1+4+5=10)

Short notes:

(2x5=10)

3. Starch
4. Functions of plasma proteins

Answer briefly:

(10x2=20)

5. Scurvy
6. Biotin
7. Endoplasmic reticulum
8. Henderson-Hassel back equation
9. Iron
10. Dialysis
11. Acids
12. Properties of ammonium chloride
13. Calculation of pH
14. Properties of ethanol
