

Q.P. CODE: 103020

Reg. No:

**First Year B.Sc Medical Biochemistry Supplementary Examinations–
May 2016**

Paper III - General Biochemistry

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 A
(1+5+4=10)
2. Classify carbohydrates. Give five examples for polysaccharides. Explain briefly on glycogen
(1+2+7=10)

Short notes :

(2x5=10)

3. Difference between DNA and RNA
4. Biochemical functions of calcium

Answer briefly:

(10x2=20)

5. Beriberi
6. Niacin
7. Lysosomes
8. Buffers
9. Essential amino acids
10. Diffusion
11. Donnan membrane equilibrium
12. Classify lipoproteins
13. pH scale
14. Properties of methanol
