

**Q.P. CODE: 103019**

**Reg. No: .....**

**First Year B.Sc Medical Microbiology Supplementary Examinations,  
May 2016**

**Paper III - General Biochemistry**

**Time: 2 Hrs**

**Max. Marks: 50**

- Answer all questions
- Draw diagram wherever necessary

**Essays: (15)**

1. Describe in detail the structure and functions of biological membrane

**Short essay : (10)**

2. Enumerate the differences between DNA and RNA

**Short notes : (3x5=15)**

3. Properties of chloroform
4. Donnan membrane equilibrium
5. Functions of cholesterol

**Answer briefly: (5x2=10)**

6. Henderson-Hasselbalch equation.
7. Weak base
8. Pellagra
9. Lysosomes
10. Isoelectric pH of proteins

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