

Q.P. CODE: 103019

Reg. No:

**First Year B.Sc Medical Microbiology Degree Supplementary
Examinations April 2018**

Paper III - General Biochemistry

(2014 Scheme)

Time: 2 Hrs

Max. Marks: 50

- Answer all questions
- Draw diagram wherever necessary

Essays: (15)

1. classify lipids. Add a note on properties of fatty acids.

Short essay: (10)

2. Classify carbohydrates, defining each class and subclass with examples.

Short notes: (3x5=15)

3. Methods of expressing concentrations in clinical biochemistry, including conventional and standard methods.
4. Define pH, its scale and conversion to concentration of H^+ .
5. Structure and functions of mitochondria

Answer briefly: (5x2=10)

6. Mention two biochemical reactions with riboflavin derived coenzyme
7. Thiamine deficiency
8. Transamination reactions
9. Structure of two disaccharides
10. Principle of dialysis
