

**Q.P. CODE: 113019**

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

**First Year B.Sc Medical Microbiology & Medical Biochemistry Degree  
Supplementary Examinations September 2022**

**Paper III – General Biochemistry**

**(2016 Scheme)**

**(Common for both specialty)**

**Time: 3 Hrs**

**Max. Marks: 50**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essays:**

**(2x10=20)**

1. Describe the dietary sources, functions and deficiency manifestations of vitamin B<sub>12</sub> (1+5+4)
2. General properties and classification of enzymes (3+7)

**Short Notes:**

**(2x5=10)**

3. Classification of lipids
4. Functions of plasma proteins

**Answer briefly:**

**(10x2=20)**

5. Strong Acid
6. Essential amino acids
7. Types of RNA
8. Pellagra
9. Hetero polysaccharides
10. Endoplasmic reticulum
11. Buffer capacity
12. Properties of Methanol
13. Cellulose
14. Osmosis

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