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Total No. of Questions: 09

B.Sc.(BT) (2013 to 2017) (Sem.-2) BIOCHEMISTRY

Subject Code: BSBT-108 M.Code: 47013

Time: 3 Hrs. Max. Marks: 60

INSTRUCTION TO CANDIDATES:

- SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
- 2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
- 3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

1. Answer briefly:

- a) Non protein amino acids
- b) Micelles
- c) Glycolipids
- d) Pyrimidines
- e) Disaccharide
- f) Acidic amino acids
- g) Sphingmyelins
- h) Nucleotide
- i) m-RNA
- j) Glycosidic bond

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SECTION-B

- 2. What are Glycerophospholipids? Discuss structure and function.
- 3. How are the Amino acids classified? Discuss.
- 4. What is Mutarotation? Explain giving example.
- 5. List forces Stabilizing DNA double Helix.
- 6. Write a note on Conformations of DNA.

SECTION-C

- 7. Discuss Classification and Properties of proteins.
- 8. Explain Methods for isolation and purification of Nucleic acids.
- 9. Elaborate on Structure and function of Carbohydrates.

NOTE: Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

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