

B.Sc. Semester – 1 (NEP-2020) Examination**January-2024****Biomolecules (Minor)****Time: 2:00 Hours****Marks: 50****Instructions:**

1. All questions are compulsory.
 2. Figures to the right indicate marks.
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Que.1 Define: Carbohydrates and Give the classification and functions of Carbohydrates. (10)

OR

Que.1 Write the detailed note on glycoconjugates.

Que.2 Write the short note on four levels of structures in Proteins. (10)

OR

Que.2 Explain: Amino acids and give general properties, classifications of amino acid.

Que.3 Elaborate the classifications and functions of Lipids. (10)

OR

Que.3 Describe the brief about functions and sources vitamins.

Que.4 Write detailed note on DNA. (10)

OR

Que.4 Compose an in-depth explanation of structure and Properties of nitrogen basis and Nucleotides.

Que.5 Write the short note on. (10)

(A) Basis about polysaccharides.

(B) Protein-Protein Interactions.

OR

Que.5 (A) Triacylglycerols and Phospholipids.

(B) Types of RNA.
