

B.Sc. Semester – 1 (NEP-2020) Examination**January-2024****Biomolecules (Major-1)****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 Write in detailed on function & classification of carbohydrates. (10)

OR

Que.1 Elaborate on glycoproteins and glycolipids as glycoconjugates.

Que.2 Overview of four levels of structures in proteins with example. (10)

OR

Que.2 Explain protein-protein interaction with any one detection method.

Que.3 Describe in detail about Phospholipids (10)

OR

Que.3 Vitamins – write in detail about classification, functions, & sources.

Que.4 Semi conservative Nature of DNA – explain in detail. (10)

OR

Que.4 Enlist types of RNA and describe any three types of RNA.

Que.5 Polysaccharides – write classification and functions. (10)

OR

Que.5 Write in brief on any two non-standard amino acids.
