

Class Test

BSc (H) Biochemistry, Semester I, Proteins

Unit II

23/10/2023

MM: 25

Tescher's Name: Dr. Renu Baweja

Q.1 Justify the following statement:

- a. Collagen formation is affected by Vitamin C deficiency
- b. Fibroin, the silk protein is rich in Ala and Gly residues.
- c. Beta-mercaptoethanol is used in the process of Straightening of hair.
- d. Myoglobin is abundant in the muscle of diving mammals such as seals and whales.
- e. Peptide bond is planar
- f. Glycine an exception in Ramachandran Plot

Q.2. Differentiate between the following:

- a. Globular and fibrous proteins
- b. Motifs and Domains
- c. Simple and Conjugated proteins

Q.3. Explain the Ramachandran plot with the help of a suitable diagram

Renu
23/10/23