



THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED

Q.1. Answer the following short questions: (15x2=30)

- i. Which kind of carbohydrate is table sugar?
- ii. What kind of forces of attraction are present in the primary structure of a protein?
- iii. In one turn of alpha helix, why 3.2 A. A is used instead of 4 A.A?
- iv. What is Lactose intolerance?
- v. How does cholesterol help in the formation of Vit-D?
- vi. Write down the formula of L & D glucose.
- vii. Differentiate between starch and amylase.
- viii. What is zwitter ion?
- ix. Explain phospholipids.
- x. What are the omega fatty acids?
- xi. What is an isoelectric point?
- xii. Write down the three important functions of the Coenzyme.
- xiii. What are the immunoglobulin or antibodies?
- xiv. Describe two economic importance of enzymes.
- xv. Functional diversity in globular proteins

Answer the following questions. (2x15=30)

- i. Write in detail the structure and function of proteins.
- ii. What is peptidoglycan describe in detail.