



CHEMISTRY

CH: 14 BIOMOLECULES

Class: XII

- I
- Answer the following
1. What is the essential difference between α form of glucose and β form of glucose? Explain
 2. What do you understand by secondary structure of protein.
 3. What is meant by pyranose structure of glucose?
 4. Aminoacids have comparatively higher melting points than corresponding haloacids. Why?
 5. Define zwitter ion.
 6. Amino acids may be acidic, alkaline or neutral. How does this happen?
 7. Name the chemical components which constitute nucleotides. Write any 4 functions of nucleotides in a cell.
 8. Name the three major classes of carbohydrates and give an example each of these classes.
 9. Name the two components of α glucose which constitute starch. How do they differ from each other?
 10. What are anomers?
 11. Define aminoacids.
 12. What are polysaccharides?
 13. What are vitamins?
 14. What is invert sugar?
 15. What is glycosidic linkage?