

## **GLOSSARY**

1. **Amino acids:** basic building blocks of proteins.
2. **Peptide bond:** bond between two amino acids formed when a carboxyl group of one amino acid joins an amino acid of another amino acid.
3. **Polypeptide:** more than ten amino acids joined together by peptide bonds.
4. **Isomer:** compounds having same chemical formula but with different structures.
5. **Denaturation:** a change in the three dimensional structure of a protein resulting in an unfolded polypeptide chain that cannot fulfill the protein's function.
6. **Collagen:** the most abundant fibrous protein in the body, forming the foundation for bones & teeth & also helps in maintaining the structure of blood vessels & other tissues.
7. **Keratin:** a water-insoluble fibrous protein that is primary constituent of hair, nails & the outer layer of the skin.
8. **Buffers:** compounds that can take up & release hydrogen ions to keep the pH of a solution constant.
9. **Edema:** swelling caused by the buildup of fluid between cells.
10. **Anorexia nervosa:** eating disorder.
11. **Prosthetic group:** The non-amino acid portion of a conjugated protein.