

CHAPTER- 8 – BIOMOLECULES

I. Answer in brief (2/3 marks)

1. What are macro and micro nutrients?
2. What are the properties of water?
3. What are primary and secondary metabolites? Give examples.
4. Differentiate storage polysaccharide and structural polysaccharide.
5. What is zwitterion?
6. What are enzymes?
7. What are coenzymes?
8. Differentiate nucleoside and nucleotide.

II. Answer in a paragraph (5 marks)

1. Give an account of carbohydrates.
2. Give an account of lipids.
3. Give an account of proteins.
4. Give an account of enzymes.
5. Write a short note on enzyme cofactors.
6. Describe the structure of DNA.
7. Write a short note on RNA.
8. What are the differences between DNA and RNA?

