

UNIT-III

1. (a) What are polysaccharides? (2M)
(b) Write any four functions of proteins? (2M)
(c) List the two types of lipids and their functions? (2M)
(d) How many types of nucleic acids are there? And write any two functions. (2M)
(e) List some important organic compounds present in living organisms? (2M)
2. Define enzymes and its role in plants? (10M)
3. Describe the enzyme nature, properties and nomenclature? (10M)
4. Describe the enzyme action and kinetics? (10M)
5. What are lipids? Classify and explain different types of lipids. (10M)
6. What are the macro molecules and its types? Write the functions of macro molecules. (10M)
7. What are carbohydrates? Classify and explain monosaccharides. (10M)
8. Biological classification of amino acids and their importance. (10M)
9. Describe the
 - a) RNA catalysis. (5M)
 - b) Kinetic parameters related to biology. (5M)
10. Define polysaccharides with suitable examples. (10M)
11. What are Nucleotides? (10M)