

UNIT-4

POLYMERS

SHORT ANSWER QUESTIONS

1. Define Polymer and Monomer with example
2. Define tacticity with example
3. What are the Monomers of Nylon 6,6 and PVC and Buna -S
4. Define Addition Polymerisation with example
5. Define Condensation polymerisation with Example
6. Define Fibers with an example
7. Define Elastomers with an example
8. What are Plastics with an example and mention the types of Plastics
9. Write any two applications of Conducting Polymers
10. Write any two applications of Biodegradable Polymer

LONG ANSWER QUESTIONS

1. Define Polymers. Write the classification based on origin and tacticity.
2. Write a brief account on Free Radical chain polymerization.
3. Explain condensation Polymerization with Example
4. Differentiate Thermoplastics and Thermosetting Plastics
5. Write the Preparation and Application of BUNA-S, PVC
6. Write the Preparation and Applications of Nylon 6,6
7. Give an account on Fibre Reinforced plastics
8. Write the Classification of Conducting Polymers
9. What are Conducting Polymers write the mechanism of conduction of trans polyacetylene molecule
10. What are Biodegradable Polymers. Explain polylactic acid and its applications