



## CHEMISTRY

CH: 15 POLYMERS

Class: XII

I

Answer the following

1. Draw the structure of monomers of the following polymers.  
i) Polypropene ii) Polythene iii) Nylon 6 iv) Buna S v) Dacron vi) Neoprene vii) Teflon
2. What are elastomers? Give examples of elastomers.
3. What does the part 6,6 mean in the name Nylon 6,6 ?
4. What is the primary structure feature necessary for a molecule to make it useful in condensation polymerization reactions?
5. Classify the following into addition and condensation polymers.  
a) Polythene b) PTE c) Polybutadiene d) Bakelite
6. Write the names of the monomers of the polymer.  
 $-(\text{NH}-(\text{CH}_2)_6-\text{NH}-\text{CO}(\text{CH}_2)_4-\text{CO}-)_n$