

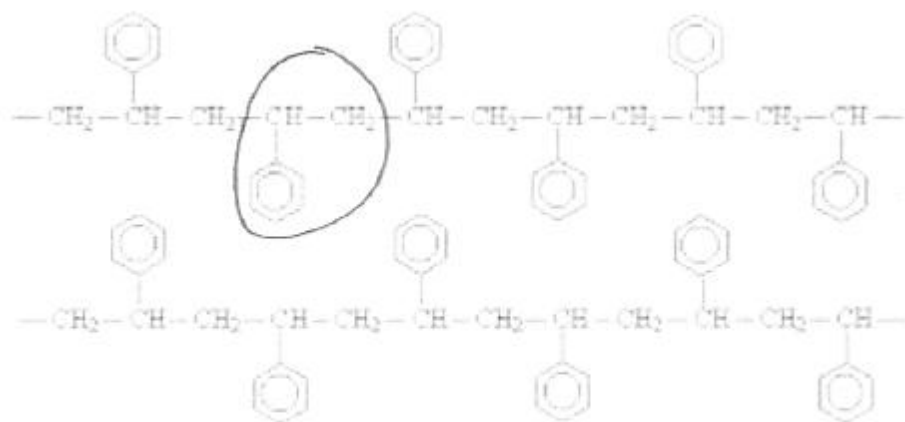
8. A monomer is a repeat unit in a polymer. When many monomers are linked together, they form a polymer.

9. In addition polymerization, double or triple bonds are broken in a monomer to link together to form long polymer chains. An example is ethene that polymerizes to polyethylene.

10. In condensation polymerization, smaller molecules are linked together when a molecule is eliminated. An example of this is the production of nylon 6,6.

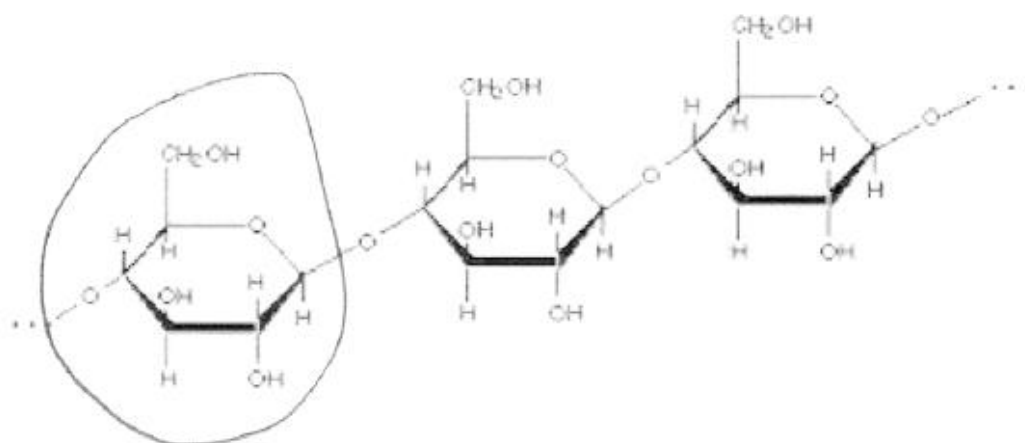
11. Proteins, DNA and cellulose.

12. a)

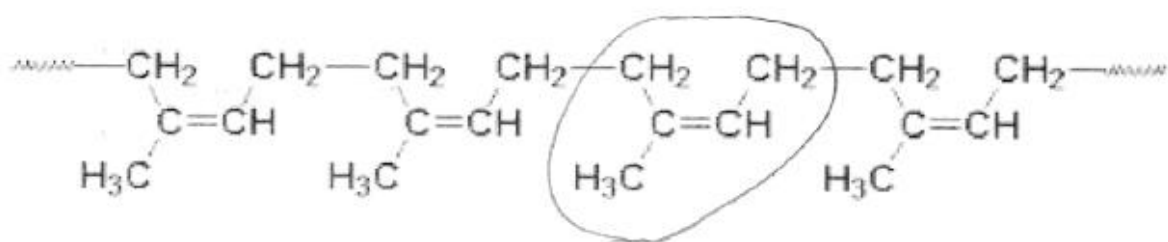


Syndiotactic Polystyrene (two chains shown)

b)



c)



d)

