
1. Which of the following statements is correct regarding LDP and HDP?
 - A. Both have different monomers
 - B. Both have same structures
 - C. Both have similar preparation conditions
 - D. Both are chemically inert
2. Teflon is a polymer of :
 - A. ethylene
 - B. vinyl chloride
 - C. acetonitrile
 - D. tetrafluoroethene
3. Polyacrylonitrile (PAN) is prepared from:
 - A. Vinylacetylene
 - B. Butadiene and Styrene
 - C. Tetrafluoroethene
 - D. Acrylonitrile

4. Cyclohexanone on treatment with hydroxylamine gives P, which on treatment with sulphuric acid gives Q. when Q is heated with water at high temperature, R is obtained. Identify R.

- A.** Nylon 6
- B.** Carrolactam
- C.** Nylon 6,6
- D.** Nylon 2,6

5. A synthetic polymer which resembles natural rubber is :

- A.** Nylon
- B.** Glyptal
- C.** Neoprene
- D.** Chloroprene