
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.** Caprolactam
 - 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