

Chemical Engineering Polymer Technology Question Bank

1. ___ is an addition polymer.
 - a. Nylon
 - b. Bakelite
 - c. Polythene
 - d. None of theseAns: C
2. Polycondensation reaction of polymerisation
 - a. Does not produce linear polymers
 - b. Produces only thermoplastic material
 - c. Produces epoxy polymers
 - d. Does not need any catalystAns: C
3. Low density polythene as compared to high density polythene is
 - a. Harder
 - b. Tougher
 - c. Chemically inert
 - d. More flexibleAs: D
4. ___ is a homopolymer.
 - a. Neoprene
 - b. Bakelite
 - c. Nylon 66
 - d. TeryleneAns: A
5. Poly tetra fluoro ethylene (PTFE) is known as
 - a. Dacron
 - b. Teflon
 - c. Bakelite
 - d. CelluloidAns: B
6. Thermosetting plastic materials
 - a. Can be repeatedly melted
 - b. Is useful for melt casting
 - c. Cannot be melted after forming
 - d. Is useful for spinningAns: C
7. Molecular weights of plastics ranges from
 - a. 1000 to 5000
 - b. 5000 to 1000
 - c. 20,000 to 25,000
 - d. 10^9 to 10^{11}

Ans: C

8. Which of the following has the weakest intermolecular forces?
- Polyisoprene
 - Nylon 66
 - Polystyrene
 - Bakelite

Ans: A

9. The synthetic fibres produced from ___ are known as rayon.
- Lignin
 - Cellulose
 - Polyamides
 - Ethylene glycol

Ans: B

10. Which of the following is a copolymer?
- PVC
 - Bakelite
 - Polythene
 - Teflon

Ans: B

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