

Chemical Engineering Polymer Technology Questions & Answers

- ___ moulding is used for shaping of thermosetting plastics exclusively.
 - Compression
 - Injection
 - Transfer
 - ExtrusionAns: C
- Which of the following natural bio polymers are formed as a result of polymerisation of amino acids?
 - Starch
 - Cellulose
 - Proteins
 - Nucleic acidsAns: C
- Main constituent of cotton fibre is
 - lignin
 - cellulose
 - starch
 - gelatinAns: B
- ___ is an addition polymer.
 - Nylon
 - Bakelite
 - Polythene
 - None of theseAns: C
- Polycondensation reaction of polymerisation
 - Does not produce linear polymers
 - Produces only thermoplastic material
 - Produces epoxy polymers
 - Does not need any catalystAns: C
- Low density polythene as compared to high density polythene is
 - Harder
 - Tougher
 - Chemically inert
 - More flexibleAs: D
- ___ is a homopolymer.
 - Neoprene
 - Bakelite
 - Nylon 66

d. Terylene

Ans: A

8. Poly tetra fluoro ethylene (PTFE) is known as

a. Dacron

b. Teflon

c. Bakelite

d. Celluloid

Ans: B

9. Thermosetting plastic materials

a. Can be repeatedly melted

b. Is useful for melt casting

c. Cannot be melted after forming

d. Is useful for spinning

Ans: C

10. Which of the following has the weakest intermolecular forces?

a. Polyisoprene

b. Nylon 66

c. Polystyrene

d. Bakelite

Ans: A

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