

Quiz 3 Polymer

*Required

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7. 1. Monomer molecules are linked together by which type of reaction

1 point

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- A. Addition Reaction
- B. Condensation Reaction
- C. Both A and B
- D. None of the above

8. Adipic acid is a one type of reactant of which polymer

1 point

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- A. Nylon 6
- B. Nylon 6, 6
- C. Nylon 6,10
- D. None of the above

9. 3. The monomeric unit of Protein

1 point

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- A. Amino Acid
- B. Cellulose
- C. Monosaccharides
- D. Nucleotide

10. 4. In Syndiotactic type classification of polymer on the basis of Tacticity, which type of arrangement of side group present. 1 point

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- A. Alternately to backbone chain
- B. Only one side of backbone chain
- C. Randomly arranged in the backbone chain
- D. All of the above

11. 5. Example of Thermo -setting polymer 1 point

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- A. Bakelite
- B. Epoxy resin
- C. Diene Rubber
- D. All of the above

12. 6. In the polymerization reaction of high density polyethylene (HDPE), what temperature and pressure required 1 point

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- A. 80-90 Degree C, 10-15 atm
- B. 60-70 Degree C, 10-15 atm
- C. 80-90 Degree C, 6- 7 atm
- D. 60-70 Degree C, 6-7 atm

13. 7. Which type of forces are present in thermoplastic polymers

1 point

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- A. Dipole-dipole forces
- B. Vander walls forces
- C. Both of the above
- D. None of the above

14. 8. Whose presence is required in the polymerization reaction of Teflon

1 point

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- A. Ziegler Natta catalyst
- B. Hydrogen peroxide
- C. Grignard reagent
- D. Ammonium peroxosulphateOption 4

15. 9. Functional groups are present in which type of polymerization reaction

1 point

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- A. Addition reaction
- B. Condensation reaction
- C. Both of the above
- D. None of the above

16. 10. What temperature and pressure required for polymerization reaction of low density polyethylene(LDPE) 1 point

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- A. 250 degree, 1500 atm
- B. 200 degree, 1200 atm
- C. 200 degree, 1500 atm
- D.250 degree, 1200 atm

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