



## CHEMISTRY

### BOOKS - MS CHOUHAN CHEMISTRY (HINGLISH)

## POLYMERS

#### Additional Objective Questions Single Correct Choice Type

1. Monomers are converted to polymers by

- A. hydrolysis of monomer.
- B. condensation of monomers.
- C. protonation of monomers.
- D. none.

**Answer: B**



**View Text Solution**

2. Nylon threads are made up of

- A. polyvinyl polymer.
- B. polyester polymer.
- C. polyamide polymer.
- D. polyethylene polymer.

**Answer: C**



**View Text Solution**

3. The polymer containing strong intermolecular forces, that is, hydrogen bonding is

- A. teflon
- B. nylon-6,6.
- C. polystyrene
- D. natural rubber

**Answer: B**



**View Text Solution**

4. Which of the following is not a copolymer?

- A. Plexiglass
- B. Buna-S

C. Nylon-6,6

D. Dacron

**Answer: A**



**View Text Solution**

5. Chemical name of melamine is

A. 2,4-diamino-1,3,5-triazine.

B. 2-amino-1,3,5-triazine.

C. 1,3,5-triazine-2,4,6-triamino.

D. 1,3,5-triamino-2,4,6-triazine.

**Answer: C**



**View Text Solution**

6. Of the following which is a step growth polymer?

- A. Bakelite
- B. Polyethylene
- C. Teflon
- D. PVC

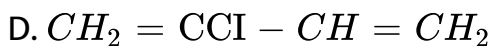
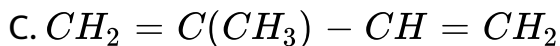
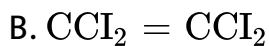
**Answer: A**



**View Text Solution**

7. Which of the following monomers gives synthetic rubber on polymerization?

- A.  $CH_2 = CHCl$



**Answer: D**



**View Text Solution**

**8.** From the given statements, which one is not true?

A. Teflon is a macromolecule

B. Teflon is a polymer

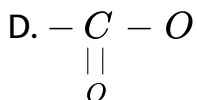
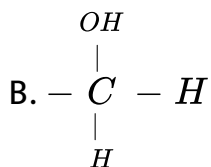
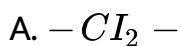
C. Polyethene is a polymer.

D. Chlorophyll is a polymer

**Answer: D**

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9. In bakelite, the rings are joined to each other through



**Answer: A**

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10. Beckmann rearrangement is involved in the synthesis of which of the following polymers?

- A. PAN
- B. Nylon-6,10
- C. Nylon-6
- D. Melamine-formaldehyde

**Answer: C**



**View Text Solution**

**11.** Benzoyl peroxide has a role in which of the following type of addition polymerization?

- A. Cationic
- B. Anionic
- C. Free-radical



D. None of these

**Answer: C**



**View Text Solution**

**12. Wool is a**

A. polysaccharide

B. polyester

C. polyamide

D. All of these

**Answer: C**



**View Text Solution**

13. Melamine polymer is copolymer of

- A. melamine and acetaldehyde
- B. melamine and formaldehyde
- C. phenol and formaldehyde.
- D. None of the above.

**Answer: B**



**View Text Solution**

14. Bakelite is obtained from phenol and formaldehyde. The initial reaction between the two compounds is an example of

- A. aromatic electrophilic substitution
- B. aromatic nucleophilic substitution

C. free radical reaction.

D. aldol reaction

**Answer: A**



**View Text Solution**

**15.** Formaldehyde is not used in the manufacture of which of the following polymer?

A. Bakelite

B. Nylon-6

C. Urea resin

D. Melamine resin

**Answer: B**



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**16.** The process of formation of macromolecules by combination of few monomers with the elimination of small molecules is called

- A. condensation polymerization
- B. homo polymerization
- C. addition polymerization.
- D. free radical polymerization

**Answer: A**



[View Text Solution](#)

**17.** Orlon is

A. Nylon-6,6

B. Terylene

C. Poly(ethyl acrylate)

D. Polyacrelonilrile

**Answer: D**



**View Text Solution**

**18.** Example of addition co-polymer is

A. Buna-S

B. neoprene

C. nylon-6,6

D. dacron

**Answer: A**



**View Text Solution**

**19.** Which of the following is not an addition polymer?

A. Bakelite

B. PAB

C. PVC

D. Teflon

**Answer: A**



**View Text Solution**

20. Caprolactam is obtained by the Beckmann rearrangement of the compound

- A. cyclohexanone-oxime
- B. benzophenone-oxime
- C. acetone-oxime
- D. propionaldehyde-oxime

**Answer: A**



**View Text Solution**

21. The monomer of neoprene is the product of the following reaction

- A. Acetylene + HCl

B. Vinyl acetylene + HCl

C. Divinyl acetylene + HCl

D. Ethylene + HCl

**Answer: B**



**View Text Solution**

**22. Which of the following is not the addition homopolymer?**

A. Teflon

B. Buna-S

C. PVC

D. PAN

**Answer: B**





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23. Polymer used in lacquer and paints is

A. glyptal.

B. Thiokol

C. PVC

D. Koyalene

**Answer: A**



[View Text Solution](#)

24. Amide containing polymer is

A. polyethene

B. polystyrene

C. terylene

D. nylon

**Answer: D**



**View Text Solution**

**25. Synthetic rubber is**

A. polyester

B. polyamide

C. polysaccharide

D. poly(halodiene)

**Answer: D**



[View Text Solution](#)

26. Chief structural bond in protein is

- A. ether bond
- B. ester bond
- C. peptide bond
- D. all of these

**Answer: C**



[View Text Solution](#)

27. Isoprene is used to make

- A. rubber.

B. nylon

C. teflon.

D. none

**Answer: A**



**View Text Solution**

**28. Natural biopolymer is**

A. teflon

B. rubber

C. nylon-6,6

D. RNA

**Answer: D**



[View Text Solution](#)

29. In which of the following polymers strong intermolecular forces are present?

- A. Elastomer
- B. Fibre
- C. Thermoplastic
- D. Thermosetting polymer

**Answer: B**



[View Text Solution](#)

30. Non-sticking cookwares are made from

- A. PVC
- B. polystyrene
- C. poly(ethylene terephthalate).
- D. poly(tetrafluoro ethylene)

**Answer: D**



**View Text Solution**

**31.** In which of the following polymer only C, H and N are present?

- A. Nylon-6
- B. Melamine polymer
- C. Buna-S

D. Terylene

**Answer: B**



**View Text Solution**

**32. Cross-network polymer is**

A. Bakelite

B. PVC

C. PVA

D. PAN

**Answer: A**



**View Text Solution**

**33.** Buna-S is a copolymer of

- A. 75% butadiene + 14% styrene
- B. 25% butadiene + 75% styrene
- C. 50% butadiene +50% styrene.
- D. none

**Answer: A**



**View Text Solution**

**34.** Polymer containing more than one monomer is called

- A. copolymer.
- B. heteropolymer
- C. both the above



D. none of these

**Answer: C**



**View Text Solution**

**35.** Match List-I (Monomers) with List-II (Polymers) and select the correct answer using the codes given below the lists:

List-I

A. Caprolactam

B. Chloroprene

C. Dimethyl terephthalate

D. Methyl methacrylate

List-II

a. Polyester

b. Nylon

c. Perspex

d. Synthetic rubber

Codes:

A.    A   B   C   D  
      c   b   d   a

B.    A   B   C   D  
      b   d   a   c

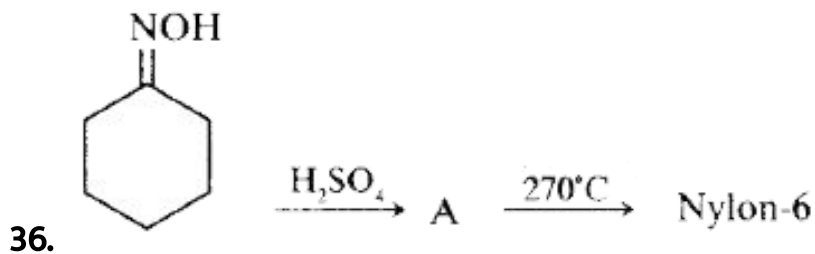
C.    A   B   C   D  
      b   d   c   a

- D.      A   B   C   D  
          c   b   a   d

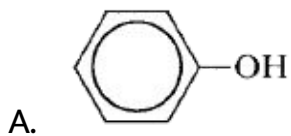
**Answer: B**



**View Text Solution**



Here A is:



B. Caprolactum

C. Cyclohexanone

D. None

**Answer: B**



**View Text Solution**

**37.** Polymer formation from monomers starts by

- A. condensation reaction between monomers
- B. coordination reaction between monomers
- C. conversion of monomer to monomer ions by protons.
- D. hydrolysis of monomers.

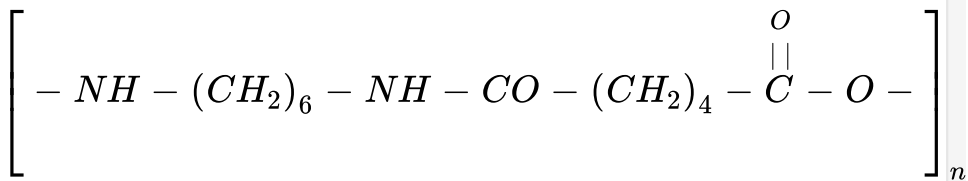
**Answer: A**



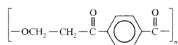
**View Text Solution**

**38.** Which of the following is not correctly matched?

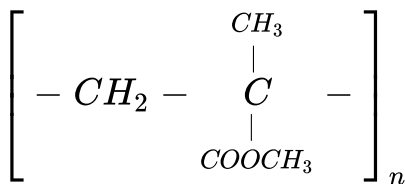
A. Neoprene



B. Nylon-6,6



C. Terylene



D. PMMA

**Answer: B**



**View Text Solution**

**39.** Acrilan is a hard, horny and a high melting material. Which of the following represents its structure?

- A.  $\left( \begin{array}{c} -CH_2 - CH - \\ | \\ Cl \end{array} \right)_n$
- B.  $\left( \begin{array}{c} -CH_2 - CH - \\ | \\ CN \end{array} \right)_n$
- C.  $\left( \begin{array}{c} CH_3 \\ | \\ -CH_2 - C - \\ | \\ COOCH_3 \end{array} \right)_n$
- D.  $\left( \begin{array}{c} -CH_2 - CH - \\ | \\ COOC_2H_5 \end{array} \right)_n$

**Answer: B**



**View Text Solution**

**40.** Treatment of rubber with sulphur is called

A. vulcanization

B. sulphonation

C. both the above

D. none of the above

**Answer: A**



**View Text Solution**

**41.** Match List I with List II and select the correct answer using the code given below the lists:

List-I

- A. Coordination polymerization
- B. Free radical polymerization
- C. Addition polymerization
- D. Natural rubber

List-II

- a. Polypeptide
- b. Nylon-6,6
- c. Ziegler-Natta catalyst
- d. Azo bis-isobutyronitrile
- e. cis-1.4-polyisoprene

Codes:

- |    |   |   |   |   |
|----|---|---|---|---|
| A. | A | B | C | D |
|    | c | e | b | d |
| B. | A | B | C | D |
|    | b | b | a | e |

- C.     A   B   C   D  
       c   d   b   e
- D.     A   B   C   D  
       b   e   a   d

**Answer: C**



**View Text Solution**

**42.** The number average molecular mass and mass average molecular mass of polymer is respectively 30,000 and 40,000.

The poly dispersity index of the polymer is

- A.  $< 1$
- B.  $> 1$
- C. 1
- D. 0

**Answer: B**



**View Text Solution**

**43.** The vulcanized rubber has

- A. high water absorption, resistant to oxidation and good elasticity
- B. high water absorption, susceptible to oxidation and no elasticity.
- C. low water absorption, resistance to oxidation and good elasticity
- D. low water absorption, susceptible to oxidation and no elasticity



**Answer: D**



**View Text Solution**

**44.** Which of the following polymer has ester linkages?

A. Nylon

B. Bakelite

C. Terylene

D. PVC

**Answer: C**



**View Text Solution**

45. Soft drinks and baby feeding bottles are generally made up of

- A. polyester
- B. polyurethane.
- C. polystyrene.
- D. polyamide

**Answer: C**



**View Text Solution**

46. Monomers are converted to polymers by

- A. hydrolysis of monomer.
- B. condensation of monomers.

C. protonation of monomers.

D. none.

**Answer: B**



**View Text Solution**

**47.** Nylon threads are made up of

A. polyvinyl polymer.

B. polyester polymer.

C. polyamide polymer.

D. polyethylene polymer.

**Answer: C**



**View Text Solution**

48. The polymer containing strong intermolecular forces, that is, hydrogen bonding is

A. teflon

B. nylon-6,6.

C. polystyrene

D. natural rubber

**Answer: B**



**View Text Solution**

49. Which of the following is not a copolymer?

A. Plexiglass

B. Buna-S

C. Nylon-6,6

D. Dacron

**Answer: A**



**View Text Solution**

**50.** Chemical name of melamine is

A. 2,4-diamino-1,3,5-triazine.

B. 2-amino-1,3,5-triazine.

C. 1,3,5-triazine-2,4,6-triamino.

D. 1,3,5-triamino-2,4,6-triazine.

**Answer: C**



[View Text Solution](#)

51. Of the following which is a step growth polymer?

A. Bakelite

B. Polyethylene

C. Teflon

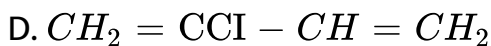
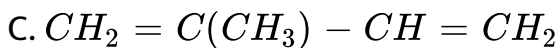
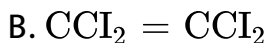
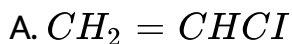
D. PVC

**Answer: A**



[View Text Solution](#)

52. Which of the following monomers gives synthetic rubber on polymerization?



**Answer: D**



**View Text Solution**

**53.** From the given statements, which one is not true?

A. Teflon is a macromolecule

B. Teflon is a polymer

C. Polyethene is a polymer.

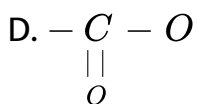
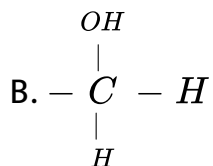
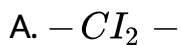
D. Chlorophyll is a polymer

Answer: D



View Text Solution

54. In bakelite. the rings are joined to each other through



Answer: A



View Text Solution



55. Beckmann rearrangement is involved in the synthesis of which of the following polymers?

A. PAN

B. Nylon-6,10

C. Nylon-6

D. Melamine-formaldehyde

**Answer: C**



**View Text Solution**

56. Benzoyl peroxide has a role in which of the following type of addition polymerization?

A. Cationic

B. Anionic

C. Free-radical

D. None of these

**Answer: C**



**View Text Solution**

**57. Wool is a**

A. polysaccharide

B. polyester

C. polyamide

D. All of these

**Answer: C**



[View Text Solution](#)

**58.** Melamine polymer is copolymer of

- A. melamine and acetaldehyde
- B. melamine and formaldehyde
- C. phenol and formaldehyde.
- D. None of the above.

**Answer: B**



[View Text Solution](#)

**59.** Bakelite is obtained from phenol and formaldehyde. The initial reaction between the two compounds is an example of

- A. aromatic electrophilic substitution
- B. aromatic nucleophilic substitution
- C. free radical reaction.
- D. aldol reaction

**Answer: A**



**View Text Solution**

**60.** Formaldehyde is not used in the manufacture of which of the following polymer?

- A. Bakelite
- B. Nylon-6
- C. Urea resin

D. Melamine resin

**Answer: B**



**View Text Solution**

**61.** The process of formation of macromolecules by combination of few monomers with the elimination of small molecules is called

A. condensation polymerization

B. homo polymerization

C. addition polymerization.

D. free radical polymerization

**Answer: A**



[View Text Solution](#)

**62.** Orlon is

A. Nylon-6,6

B. Terylene

C. Poly(ethyl acrylate)

D. Polyacrylonitrile

**Answer: D**



[View Text Solution](#)

**63.** Example of addition co-polymer is

A. Buna-S

B. neoprene

C. nylon-6,6

D. dacron

**Answer: A**



**View Text Solution**

**64.** Which of the following is not an addition polymer?

A. Bakelite

B. PAB

C. PVC

D. Teflon

**Answer: A**



[View Text Solution](#)

65. Caprolactam is obtained by the Beckmann rearrangement of the compound

- A. cyclohexanone-oxime
- B. benzophenone-oxime
- C. acetone-oxime
- D. propionaldehyde-oxime

**Answer: A**



[View Text Solution](#)



66. The monomer of neoprene is the product of the following reaction

- A. Acetylene + HCl
- B. Vinyl acetylene + HCl
- C. Divinyl acetylene + HCl
- D. Ethylene + HCl

**Answer: B**



**View Text Solution**

67. Which of the following is not the addition homopolymer?

- A. Teflon
- B. Buna-S

C. PVC

D. PAN

**Answer: B**



**View Text Solution**

**68.** Polymer used in lacquer and paints is

A. glyptal.

B. Thiokol

C. PVC

D. Koyalene

**Answer: A**



**View Text Solution**

69. Amide containing polymer is

A. polyethene

B. polystyrene

C. terylene

D. nylon

**Answer: D**



**View Text Solution**

70. Synthetic rubber is

A. polyester

B. polyamide

C. polysaccharide

D. poly(halodiene)

**Answer: D**



**View Text Solution**

**71.** Chief structural bond in protein is

A. ether bond

B. ester bond

C. peptide bond

D. all of these

**Answer: C**



**View Text Solution**

72. Isoprene is used to make

A. rubber.

B. nylon

C. teflon.

D. none

**Answer: A**



**View Text Solution**

73. Natural biopolymer is

A. teflon

B. rubber

C. nylon-6,6

D. RNA

**Answer: D**



**View Text Solution**

**74.** In which of the following polymers strong intermolecular forces are present?

A. Elastomer

B. Fibre

C. Thermoplastic

D. Thermosetting polymer

**Answer: B**



[View Text Solution](#)

75. Non-sticking cookwares are made from

- A. PVC
- B. polystyrene
- C. poly(ethylene terephthalate).
- D. poly(tetrafluoro ethylene)

**Answer: D**



[View Text Solution](#)

76. In which of the following polymer only C, H and N are present?

A. Nylon-6

B. Melamine polymer

C. Buna-S

D. Terylene

**Answer: B**



**View Text Solution**

**77.** Cross-network polymer is

A. Bakelite

B. PVC

C. PVA

D. PAN



**Answer: A**



**View Text Solution**

**78.** Buna-S is a copolymer of

- A. 75% butadiene + 14% styrene
- B. 25% butadiene + 75% styrene
- C. 50% butadiene +50% styrene.
- D. none

**Answer: A**



**View Text Solution**

**79.** Polymer containing more than one monomer is called

- A. copolymer.
- B. heteropolymer
- C. both the above
- D. none of these

**Answer: C**



**View Text Solution**

**80.** Match List-I (Monomers) with List-II (Polymers) and select the correct answer using the codes given below the lists:

List-I

- A. Caprolactam
- B. Chloroprene
- C. Dimethyl terephthalate
- D. Methyl methacrylate

List-II

- a. Polyester
- b. Nylon
- c. Perspex
- d. Synthetic rubber

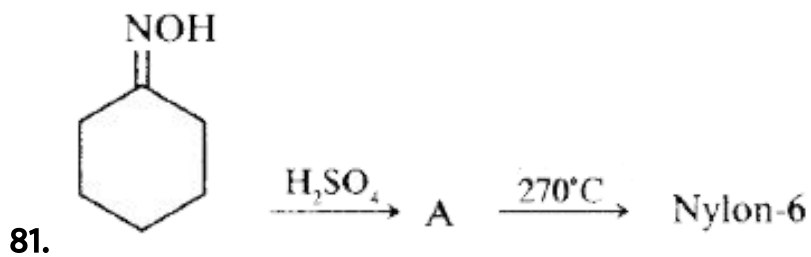
Codes:

- A.    A   B   C   D  
      c   b   d   a
- B.    A   B   C   D  
      b   d   a   c
- C.    A   B   C   D  
      b   d   c   a
- D.    A   B   C   D  
      c   b   a   d

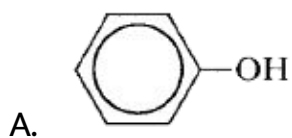
**Answer: B**



**View Text Solution**



Here A is:



B. Caprolactum

C. Cyclohexanone

D. None

**Answer: B**



**View Text Solution**

**82.** Polymer formation from monomers starts by

A. condensation reaction between monomers

B. coordination reaction between monomers

C. conversion of monomer to monomer ions by protons.

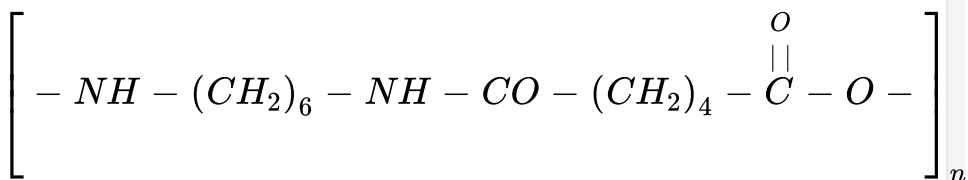
D. hydrolysis of monomers.

**Answer: A**

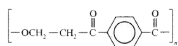


83. Which of the following is not correctly matched?

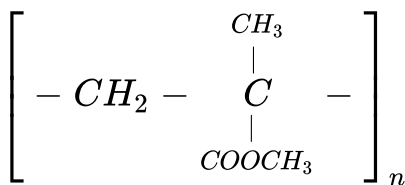
A. Neoprene



B. Nylon-6,6



C. Terylene



D. PMMA

Answer: B



84. Acrilan is a hard, horny and a high melting material. Which of the following represents its structure?

- A.  $\left( -CH_2 - \underset{\substack{| \\ CI}}{CH} - \right)_n$
- B.  $\left( -CH_2 - \underset{\substack{| \\ CN}}{CH} - \right)_n$
- C.  $\left( -CH_2 - \underset{\substack{CH_3 \\ | \\ C \\ | \\ COOCH_3}}{C} - \right)_n$
- D.  $\left( -CH_2 - \underset{\substack{| \\ COOC_2H_3}}{CH} - \right)_n$

Answer: B



View Text Solution

**85.** Treatment of rubber with sulphur is called

- A. vulcanization
- B. sulphonation
- C. both the above
- D. none of the above

**Answer: A**



**View Text Solution**

**86.** Match List I with List II and select the correct answer using the code given below the lists:

**List-I**

- A. Coordination polymerization
- B. Free radical polymerization
- C. Addition polymerization
- D. Natural rubber

**List-II**

- a. Polypeptide
- b. Nylon-6,6
- c. Ziegler-Natta catalyst
- d. Azo bis-isobutyronitrile
- e. cis-1.4-polyisoprene

**Codes:**

- |    |   |   |   |   |
|----|---|---|---|---|
| A. | A | B | C | D |
|    | c | e | b | d |
| B. | A | B | C | D |
|    | b | b | a | e |
| C. | A | B | C | D |
|    | c | d | b | e |
| D. | A | B | C | D |
|    | b | e | a | d |

**Answer: C**



**View Text Solution**

**87.** The number average molecular mass and mass average molecular mass of polymer is respectively 30,000 and 40,000.



The poly dispersity index of the polymer is

- A.  $< 1$
- B.  $> 1$
- C. 1
- D. 0

**Answer: B**



**View Text Solution**

**88.** The vulcanized rubber has

- A. high water absorption, resistant to oxidation and good elasticity

B. high water absorption, susceptible to oxidation and no elasticity.

C. low water absorption, resistance to oxidation and good elasticity

D. low water absorption, susceptible to oxidation and no elasticity

**Answer: D**



**View Text Solution**

**89.** Which of the following polymer has ester linkages?

A. Nylon

B. Bakelite

C. Terylene

D. PVC

**Answer: C**



**View Text Solution**

**90.** Soft drinks and baby feeding bottles are generally made up of

A. polyester

B. polyurethane.

C. polystyrene.

D. polyamide

**Answer: C**



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### Additional Objective Questions Multiple Correct Choice Type

1. Which of the following contain ethylene glycol as one of the monomers?

- A. Melamine
- B. Polystyrene
- C. Glyptal
- D. Terylene

**Answer: C::D**



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2. Which of the following fibers are made of polyamides?

A. Wool

B. Natural silk

C. Rayon

D. Nylon

**Answer: A::B::D**



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3. Which of the following statements are not correct?

A. Polyester is not a copolymer

B. Polystyrene is a thermoplastic

C. Dacron is a fiber.

D. Natural rubber behaves as thermosetting polymer

**Answer: A::D**



**View Text Solution**

4. Vinyl polymerization may occur through intermediate formation of

A. carbocations.

B. carbanions

C. free radicals

D. carbenes

**Answer: A::B::C**



**View Text Solution**

5. Which of the following contain ethylene glycol as one of the monomers?

- A. Melamine
- B. Polystyrene
- C. Glyptal
- D. Terylene

**Answer: C::D**



**View Text Solution**

6. Which of the following fibers are made of polyamides?

- A. Wool

B. Natural silk

C. Rayon

D. Nylon

**Answer: A::B::D**



**View Text Solution**

7. Which of the following statements are not correct?

A. Polyester is not a copolymer

B. Polystyrene is a thermoplastic

C. Dacron is a fiber.

D. Natural rubber behaves as thermosetting polymer

**Answer: A::D**





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8. Vinyl polymerization may occur through intermediate formation of

A. carbocations.

B. carbanions

C. free radicals

D. carbenes

**Answer: A::B::C**



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**Additional Objective Questions Linked Comprehension Type**

1. The utility of the polymers in various fields is due to their mechanical properties like tensile strength , elasticity , toughness etc. These properties mainly depend upon intermolecular forces like van der Waals forces and hydrogen bonding operating in polymer molecular . Polymers have been classified on this basis , For example, (1) elastomers (2) fibers (3) thermoplastics (4) thermosetting , Hence .

The molecular forces of attraction are weakest in

A. elastomers

B. fibres

C. thermoplastics.

D. thermosetting polymers

**Answer: A**



**View Text Solution**

2. The utility of the polymers in various fields is due to their mechanical properties like tensile strength , elasticity , toughness etc. These properties mainly depend upon intermolecular forces like van der Waals forces and hydrogen bonding operating in polymer molecular . Polymers have been classified on this basis , For example, (1) elastomers (2) fibers (3) thermoplastics (4) thermosetting , Hence .

Which of the following have usually a linear structure?

- A. Thermoplastics
- B. Thermosetting polymers
- C. Polyethylene
- D. Nylon-6,6

**Answer: A**



3. The utility of the polymers in various fields is due to their mechanical properties like tensile strength, elasticity, toughness etc. These properties mainly depend upon intermolecular forces like van der Waals forces and hydrogen bonding operating in polymer molecular. Polymers have been classified on this basis, For example, (1) elastomers (2) fibers (3) thermoplastics (4) thermosetting, Hence.

Which of the following is hard?

- A. Elastomer
- B. Fibre
- C. Thermoplastic
- D. Thermosetting polymers

**Answer: D**



**View Text Solution**

4. The utility of the polymers in various fields is due to their mechanical properties like tensile strength, elasticity, toughness etc. These properties mainly depend upon intermolecular forces like van der Waals forces and hydrogen bonding operating in polymer molecular. Polymers have been classified on this basis, For example, (1) elastomers (2) fibers (3) thermoplastics (4) thermosetting, Hence.

The molecular forces of attraction are weakest in

A. elastomers

B. fibres

C. thermoplastics.

## D. thermosetting polymers

**Answer: A**



**View Text Solution**

5. The utility of the polymers in various fields is due to their mechanical properties like tensile strength, elasticity, toughness etc. These properties mainly depend upon intermolecular forces like van der Waals forces and hydrogen bonding operating in polymer molecular. Polymers have been classified on this basis, For example, (1) elastomers (2) fibers (3) thermoplastics (4) thermosetting, Hence.

Which of the following have usually a linear structure?

A. Thermoplastics

B. Thermosetting polymers

C. Polyethylene

D. Nylon-6,6

**Answer: A**



**View Text Solution**

6. The utility of the polymers in various fields is due to their mechanical properties like tensile strength, elasticity, toughness etc. These properties mainly depend upon intermolecular forces like van der Waals forces and hydrogen bonding operating in polymer molecular. Polymers have been classified on this basis, For example, (1) elastomers (2) fibers (3) thermoplastics (4) thermosetting, Hence.

Which of the following is hard?

A. Elastomer

B. Fibre

C. Thermoplastic

D. Thermosetting polymers

**Answer: D**



**View Text Solution**

### Additional Objective Questions Integer Type

1. The number of nitrogen atoms present in the monomer of urea-formaldehyde resin is\_\_\_\_\_.



**View Text Solution**



2. The number of double bonds present in the repeating structural units of natural rubber is\_\_\_\_\_.



**View Text Solution**

3. Amongst the following, the total number of elastomers is\_\_\_\_\_.

Natural rubber, polypropylene, polyethene, vulcanized rubber, nylon-6, polyvinyl chloride, Buna-N, chloroprene, Buna-S, polystyrene



**View Text Solution**

4. Amongst the following, the total number of thermoplastics is\_\_\_\_\_.

Polyester, bakelite, polyethene, PVC, teflon, PAN, PMMA, nylon-6, melamine-formaldehyde.



**View Text Solution**

5. The number of nitrogen atoms present in the monomer of urea-formaldehyde resin is\_\_\_\_\_.



**View Text Solution**

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**View Text Solution**

7. Amongst the following, the total number of elastomers is\_\_\_\_\_.

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8. Amongst the following, the total number of thermoplastics is\_\_\_\_\_.

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