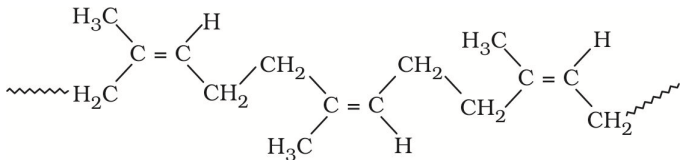


Date Planned : __ / __ / __	Daily Tutorial Sheet-4	Expected Duration : 90 Min
Actual Date of Attempt : __ / __ / __	Level-1	Exact Duration : _____

46. Which of the following is an example of condensation polymer ?
 (A) Nylon (B) Bakelite
 (C) Urea-formaldehyde resin (D) All of these
47. Strong intermolecular forces like hydrogen bonding are present in :
 (A) Elastomers (B) Fibres
 (C) Thermoplastic Polymers (D) Thermosetting polymers.
48. Which of the following is a branched polymer ?
 (A) Low density polymer (B) Polyester
 (C) High density polymer (D) Nylon
49. Interaction of ethylene glycol and terephthalic acid produces:-
 (A) Teflon (B) Nylon 6, 6 (C) Nylon 6 (D) Dacron
50. Which of the following is used in paints ?
 (A) Melamine (B) Novolac (C) Bakelite (D) Dacron
51. The monomer of the polymer
- 
- (A) $\text{H}_2\text{C} = \overset{\text{CH}_3}{\underset{|}{\text{C}}} - \text{CH} = \text{CH}_2$ (B) $(\text{CH}_3)_2\text{C} = \text{C}(\text{CH}_3)_2$
 (C) $\text{CH}_3\text{CH} = \text{CHCH}_3$ (D) $\text{CH}_3\text{CH} = \text{CH}_2$
52. The catalyst used in the manufacture of polythene by Ziegler method is :
 (A) Titanium tetrachloride and triphenyl aluminium
 (B) Titanium tetrachloride and triethyl aluminium
 (C) Titanium dioxide (D) Titanium isopropoxide
53. Which of the following is not polyamide
 (A) Nylon-6, 6 (B) Protein (C) Glyptal (D) Nylon-6
54. Which of the following polymers is used for making electrical switches and computer discs?
 (A) Glyptal (B) PVC (C) Bakelite (D) Polystyrene
55. Which of the following statement is correct regarding the drawbacks of raw rubber?
 (A) It is plastic in nature
 (B) It has little durability
 (C) It has large water-absorption capacity
 (D) All of these

56. The catalyst used in the manufacturing of terylene is:
(A) Zinc acetate – antimony trioxide **(B)** Ziegler – Natta catalyst
(C) Caprolactam **(D)** Peroxide initiator
57. Copolymerisation of 1, 3-butadiene and acrylonitrile in the presence of a peroxide catalyst gives :
(A) Buna – N **(B)** Buna – S **(C)** Glyptal **(D)** Novolac
58. Which of the following is not true about PHBV?
(A) It is obtained by copolymerization of 3-hydroxybutanoic acid and 3-hydroxypentanoic acid
(B) It is a synthetic rubber
(C) It is used in orthopaedic devices and in controlled release of drugs
(D) It is a biodegradable synthetic polymer
59. Which of the following is an example of elastomer?
(A) Buna-S **(B)** Buna-N **(C)** Neoprene **(D)** All of these
60. Melamine is a _____ Polymer.
(A) Linear **(B)** Branched Chain
(C) Cross Linked **(D)** None of these