CHEMISTRY

BOOKS - SAI CHEMISTRY (TELUGU ENGLISH)

POLYMERS

Mcqs

1. The polymer obtained with methlene bridges by condensation polymer

A. PVC

B. Buna-S

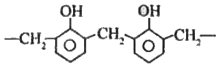
C. Poly acrylonitrile

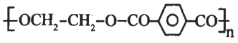
D. Bakelite

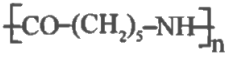
Answer: D

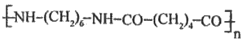
Watch Video Solution

2. Identify the condensation homopolymer from the following.

A. 

B. 

C. 

D. 

Answer: C

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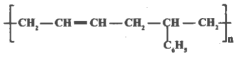
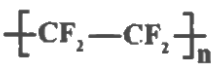
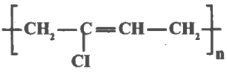
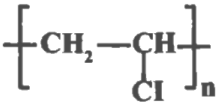
3. Identify the copoloymer from the following

A. 

B. 

C. 

D. 

Answer: A

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4. Example of a biodegradable polymer pair is

a

A. nylon-6,6 and terylene

B. PHBV and dextron

C. Bakelite and PVC

D. PET and polythene

Answer: B

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5. The monomer of neoprene is

A. 1,3 butadine

B. 2-chloro-1,3 butadine

C. 2-methyl-1,3 butadine

D. vinyl chloride

Answer: B

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6. Which one of the following is not a biopolymer?

A. Cellulose

B. Nylon-6

C. Insulin

D. DNA

Answer: B

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7. If the number average molecular weight and weight average molecular weight of a polymer are 40000 and 60000 respectively,the polydispersity index of thre polymer will be

A. gt 1

B. lt 1

C. 1

D. Zero

Answer: A

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8. If $\overline{M}_e$ is the weight average molecular weight and $\overline{M}_e$ is the number average molecular weight of a polymer, the poly

dispersity index (PDI) of the polymer is given by

A. $\frac{\overline{M}_n}{\overline{M}_w}$

B. $\frac{\overline{M_w}}{\overline{M_n}}$

C. $\overline{M}_w \times \overline{M}_n$

D. $\frac{1}{\overline{M}_w \times \overline{M_n}}$

Answer: B

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9. Which of the following is a biodegradable polymer?

A. Polythene

B. Bakelite

C. PHBV

D. PVC

Answer: C

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Mcq S

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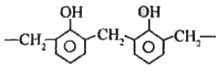
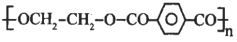
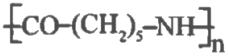
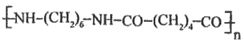
A. 

B. 

C. 

D. 

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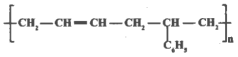
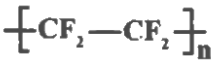
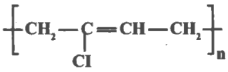
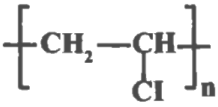
A. 

B. 

C. 

D. 

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