

Questions with Answer Keys

MathonGo

Q1: 24 Feb (Shift 1) - Single Correct

Match List I with List II.

List I

(Monomer Unit)

(a) Caprolactum

(b) 2-Chloro-1,3-butadiene

(c) Isoprene

(d) Acrylonitrile

List II

(Polymer)

(i) Natural rubber

(ii) Buna-N

(iii) Nylon 6

(iv) Neoprene

Choose the correct answer from the options given below :

(1) (a) \rightarrow (iii), (b) \rightarrow (iv), (c) \rightarrow (i), (d) \rightarrow (ii)(2) (a) \rightarrow (i), (b) \rightarrow (ii), (c) \rightarrow (iii), (d) \rightarrow (iv)(3) (a) \rightarrow (ii), (b) \rightarrow (i), (c) \rightarrow (iv), (d) \rightarrow (iii)(4) (a) \rightarrow (iv), (b) \rightarrow (iii), (c) \rightarrow (ii), (d) \rightarrow (i)

Q2: 24 Feb (Shift 2) - Single Correct

In polymer Buna-S; 'S' stands for :

(1) Styrene

(2) Sulphur

(3) Strength

(4) Sulphonation

Q3: 25 Feb (Shift 1) - Single Correct

Which statement is correct?

(1) Buna-S is a synthetic and linear thermosetting polymer

(2) Neoprene is addition copolymer used in plastic bucket manufacturing

(3) Synthesis of Buna-S needs nascent oxygen

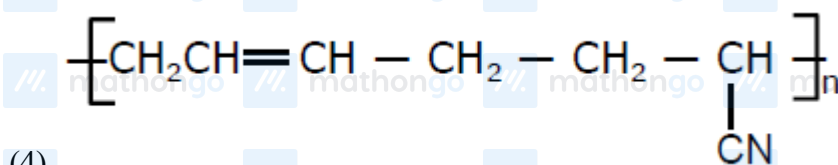
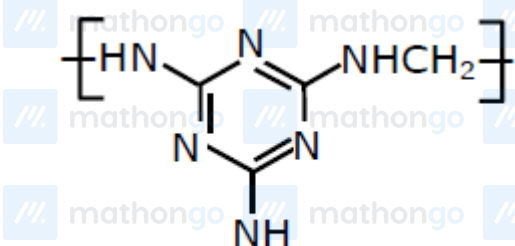
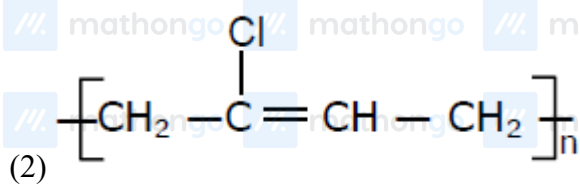
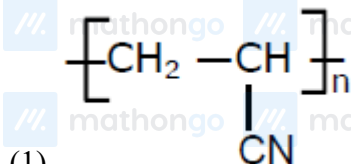
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(4) Buna-N is a natural polymer

Q4: 26 Feb (Shift 1) - Single Correct

The structure of Neoprene is :



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Answer Key

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Q1 (1)

Q2 (1)

Q3 (3)

Q4 (2)

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