

Q.6 How many carbons are present in the backbone of Nylon-6 plastics

- a) 2 b) 4
- c) 6 d) 8

Q.7 LLDPE is

- a) Homo polymer b) Copolymer
- c) Blend d) Alloy

Q.8 Plastics Blends are made by

- a) One Polymer
- b) At least two polymers
- c) At least three polymers
- d) All of above

Q.9 Elastomers are

- a) Thermoplastic in nature
- b) Thermoset in nature
- c) Metals
- d) None of above

Q.10 In the term SBR Polymer, R stands for

- a) Reactant b) Rubber
- c) Reinforcement d) Reagent

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

Q.11 Expand the term HIPS.

Q.12 Natural rubber is obtained from petro chemicals. (T/F)

Q.13 Define Plastics materials.

Q.14 Name two polyamide based plastics.

Q.15 PVC can produce rigid products only. (T/F)

Q.16 What is XPE?

Q.17 PET & PBT are ester based plastics. (T/F)

Q.18 Give the name of any one diene monomer.

Q.19 What is Teflon?

Q.20 Expand the term ABS.

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

Q.21 Write any four applications of PVC.

Q.22 Why rubber is vulcanized. Give any one method of vulcanization of rubber.

Q.23 What is HIPS. how is it prepared.

Q.24 Write two most commonly used resins with FRP. Write any two application of each.

Q.25 Write any four applications of plastics foams.