

SECTION-D

Note: Long answer type questions. Attempt any three questions out of four questions. 3x10=30

Q.33 What is Rain water harvesting? Explain the role of plastics in this.

Q.34 Write short note on :

- a) Tsunami disaster
- b) National Environment Policy.

Q.35 Describe Public awareness regarding hazards caused by indiscriminate use of plastic.

Q.36 Discuss :

- a) Stages in recycling.
- b) Agents for increasing life expectancy of plastics.

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6th Sem. / Plastic Engg.

Subject : Pollution Control in Plastic Industry

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

Q.1 Expand PVC.

Q.2 What is ISI?

Q.3 _____ is an example of flame retardent additive.

Q.4 Name two agents used for increasing life expectancy of plastics.

Q.5 Air in atmosphere contains _____% of Nitrogen.

Q.6 Expand C.O.D.

Q.7 Give two examples of synthetic polymers.

Q.8 State two source of water pollution.

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Q.9 Give two examples of chlorinated polymers.

Q.10 Name different stages of recycling.

SECTION-B

Note: Very short answer type questions. Attempt any ten questions out of twelve questions. 10x2=20

Q.11 Define Plasticizers.

Q.12 What is an ecosystem?

Q.13 Define recycling of polymers.

Q.14 What is thermal degradation?

Q.15 Give two advantages of recycling.

Q.16 Define mulching process.

Q.17 What is biotic system?

Q.18 Give recycling number of PP & PVC.

Q.19 Give two causes of ecological imbalance.

Q.20 Define photo-degradation.

Q.21 Define troposphere.

Q.22 Name two chemicals which are toxic in nature.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. 8x5=40

Q.23 Differentiate between natural and man made disaster.

Q.24 How plastics pipes are better for transportation of water & chemicals than iron pipes.

Q.25 Discuss soil pollution and its causes and remedies.

Q.26 Explain factors promoting vulnerability and mitigation.

Q.27 Define separation and segregation.

Q.28 What are ISI standards regarding limit of chemical effluents.

Q.29 Explain disadvantages of Recycling.

Q.30 Write short note on canal lining.

Q.31 Discuss interaction of environment with humans.

Q.32 Write short note on "Pollution Hazards due to Plastics".