

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Explain the different types of sources of plastic waste in detail.

Q.24 Explain degradation of plastics material and their types.

Q.25 Explain the following

- a) Landfill
- b) Incineration

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5th Sem / Plastic Technology

Subject : Plastic Recycling and Waste Management

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Expand MSW

- a) Municipal solid waste
- b) Multiple solid waste
- c) Both A & B
- d) None of these

Q.2 3R means

- a) Reduce, Reuse, Recycle
- b) Recycle, Reduce, Reuse
- c) None of these
- d) Recycle only

Q.3 Heat sensitive material

- a) PVC
- b) ABS
- c) PS
- d) PP

Q.4 Types of plastics recycling is/are

- a) Primary recycling
- b) Secondary
- c) Tertiary
- d) All of these

Q.5 Recyclable plastics are

- a) ABS
- b) PP
- c) PVC
- d) All

Q.6 Flame retardant is an example of

- a) DIOP
- b) DOP
- c) DEHP
- d) All of these

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Define recycling.

Q.8 Define waste management

Q.9 Define recovery of plastics.

Q.10 Define incineration.

Q.11 Define segregation.

Q.12 Define bio degradation.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 What are the disadvantages of plastic waste?

Q.14 Write sources of plastic waste in detail.

Q.15 Write short note on segregation and explain any one method.

Q.16 Write short note on density separation technique of plastics.

Q.17 Write need and importance of plastic reprocessing.

Q.18 Explain recycling of plastics and their types.

Q.19 Write advantages of disadvantages of plastic recycling.

Q.20 How to use mulching in conservation of natural resources.

Q.21 Write equipment based sorting techniques of plastic waste.

Q.22 Explain process flow chart by mechanical root.