



RAN-1098

B.Sc. (Environmental Science) Semester - V Examination

March / April - 2019

Soild & Hazardous Waste Pollution & Management

Time: 2 Hours]

[Total Marks: 50

સૂચના : / Instructions

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

B.Sc. (Environmental Science) Semester - V

Name of the Subject :

Soild & Hazardous Waste Pollution & Management

Subject Code No.: 1 0 9 8

Seat No.:

□	□	□	□	□	□
---	---	---	---	---	---

Student's Signature

Instructions:

1. Figures to the right indicate full marks of the question.
2. Draw neat and labeled diagrams whenever necessary.

Q.1 Give Specific Answers.

12

- 1 Write down the control techniques results in waste production.
- 2 What is pyrolysis? Explain with example.
- 3 Write down the names of plastic found in MSW.
- 4 List out the types of hazardous waste with examples.
- 5 Mention the criterias used to identify the hazardous waste.
- 6 What is E-waste?

Q.2 Comment on/explain any two of the following:

12

- 1 Causes of solid waste pollution.
- 2 Physical properties of MSW.
- 3 Chemical treatment of hazardous waste.

Q.3 **Comment on/explain any two of the following:** **16**

- 1 Waste utilization along with examples.
- 2 Aerobic composting and anaerobic digestion for the organic fractions of MSW.
- 3 Pollution prevention and waste minimization.

Q.4 **Write Short Notes (Any Two)** **10**

- 1 Characteristics of hazardous waste.
 - 2 Types of biomedical waste.
 - 3 Recycling, shredding and refining treatment of E-waste.
-