



RAN - 2003000205020173

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**T. Y. B. Sc. (Env. Sci.) (Sem. - V) Examination March - 2023**

**Solid and Hazardous Waste Pollution and Management**

**Environmental Science - XIII : ENV. - 503**

**Time: 2 Hours ]**

**[ Total Marks: 50**

**सूचना : / Instructions**

(1)

नीचे दशविल निशानीवाणी विगतो उत्तरवही पर अवश्य लखवी.  
Fill up strictly the details of signs on your answer book

Name of the Examination:

T. Y. B. Sc. (Env. Sci.) (Sem. - V)

Name of the Subject :

Solid and Hazardous Waste Pollution and Management  
Environmental Science - XIII : ENV. - 503

Subject Code No.: 2003000205020173

Seat No.:

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Student's Signature
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- (2) Figures to the right indicate full marks of the question.  
(3) Draw neat and labeled diagrams whenever necessary.

**Q. 1 Give Specific Answers.**

**12**

1. What is landfarming? Explain.
2. Write down reclamation of solid waste with examples.
3. How to determine moisture content in a solid waste sample?
4. Write down the list of equipment used to collect hazardous waste of various categories.
5. Which waste is detoxified by using Ozone/U.V. radiations?
6. List out the types of biomedical waste.

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

**12**

1. Causes and effects of solid waste.
2. Biological properties of MSW.
3. Various classes of listed hazardous waste.

- Q.3**      **Comment on / explain any two of the following:**      **16**
1. Control techniques of solid waste pollution.
  2. Thermal processes of chemical transformation of MSW.
  3. Filtration, evaporation, solidification and stabilization treatment for hazardous waste.
- Q.4**      **Write Short Notes. (Any Two)**      **10**
1. Storage and disposal of hazardous waste.
  2. Treatment methods of biomedical waste.
  3. Recycling of E-waste.
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