

Register No.:

951

April 2024

Time - Three hours
(Maximum Marks: 100)

- [N.B.*
1. Answer all questions under Part-A. Each question carries 3 marks.
 2. Answer all the questions either (A) or (B) in Part-B. Each question carries 14 marks.

PART – A

1. What are the different methods of sampling in solid waste?
2. Write about the role of NGO's in SWM.
3. What is on site storage in waste management?
4. What materials are used for storage container waste?
5. What are the common types of vehicles used in collection of MSW?
6. How routes are defined in collecting solid waste?
7. What is the incineration process?
8. Write down the three objectives of waste processing.
9. What do you mean by leachate?
10. Write a short note on bioreactor landfill.

[Turn over.....

PART – B

11. (a) Describe about the effects of improper disposal of solid wastes.

(Or)

(b) Explain about the various municipal solid waste rules.

12. (a) Explain about Public health issues and economic aspects related to open storage of solid waste.

(Or)

(b) Explain about the 3 R's in Solid waste management.

13. (a) Explain about the methods of residential and commercial waste collection.

(Or)

(b) Explain the factors involved in the selection of a transfer stations.

14. (a) Explain about the resource recovery and its types.

(Or)

(b) Explain about off-site processing techniques and equipment.

15. (a) Explain about the design and operation of sanitary landfills.

(Or)

(b) Describe about dumpsite rehabilitation.
