

**A-1031**

**Total Pages : 3**

**Roll No. ....**

**ESC-607**

**M.Sc. ENVIRONMENTAL SCIENCE (MSCES)**

**(EIA and Waste Management-II)**

**4th Semester Examination, Session December 2024**

**Time : 2:00 Hrs.**

**Max. Marks : 35**

*Note :- This paper is of Thirty Five (35) marks divided into Two (02) Sections 'A' and 'B'. Attempt the questions contained in these Sections according to the detailed instructions given therein. Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.*

**Section-A**

**(Long Answer Type Questions)     2×9½=19**

*Note :-* Section 'A' contains Five (05) Long-answer type questions of Nine and Half (9½) marks each. Learners are required to answer any *two* (02) questions only.

1. Explain sampling procedure of hazardous wastes.
2. What is national Hazardous and Waste Management Strategies ?
3. Discuss hazardous waste management practices in detail.
4. Discuss disposal methods of hazardous wastes.
5. What is the classification of hazardous wastes ? Discuss.

### **Section–B**

**(Short Answer Type Questions)      4×4=16**

**Note :-** Section 'B' contains Eight (08) Short-answer type questions of Four (04) marks each. Learners are required to answer any *four* (04) questions only.

1. What are the sources of hazardous wastes ?
2. Discuss highlights of Hazardous Waste Management and Handling Rules 1989.
3. What are various physical treatment methods of hazardous wastes ?
4. What are hazardous waste ? Discuss its characteristics.

5. Explain the process for storage and transport of hazardous wastes.
6. What is the biological treatment of hazardous wastes ?
7. What is thermal process in waste treatment ?
8. Write a note on need of hazardous waste management.

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