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**ES-552**

**EIA and Waste Management**

M.Sc. Environmental Science (MSCES-19)

2nd Year Examination, 2023 (June)

**Time : 2 Hours]**

**Max. Marks : 70**

**Note :** This paper is of Seventy (70) 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 answer to the questions on the given answer sheet. No additional (B) answer sheet will be issued.

**SECTION–A**

**(Long Answer Type Questions)**

**Note :** Section 'A' contains Five (05) long answer type questions of Nineteen (19) marks each. Learners are required to answer any Two (02) questions only.

(2×19=38)

1. Describe Environmental Impact Assessment (EIA) and Initial Environmental Examination (IEE). Describe process of EIA in detail.

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2. Describe different types of EIA methods in detail.
3. Explain in detail about the EIA process for Soil Environment.
4. What is the systematic approach for EIA of Biological Impacts? Discuss in detail.
5. Explain in detail about the solid waste management and types of solid waste.

## **SECTION-B**

### **(Short Answer Type Questions)**

**Note :** Section 'B' contains Eight (08) short answer type questions of Eight (08) marks each. Learners are required to answer any Four (04) questions only. (4×8=32)

1. What are the composition and characteristics of solid waste? Explain in detail.
2. Describe in detail about the hazardous waste, its types and source.
3. Discuss the rules for storing chemicals safety in detail.
4. Explain in detail about the transportation of hazardous waste.

5. Discuss the various effects of noise pollution on human health in detail.
  6. What are the potential threats to environmental health due to developmental project activities? Discuss in detail.
  7. Write a brief account of post audit activities.
  8. Write a short notes on:
    - (i) Waste Audit.
    - (ii) Energy Audit.
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