

USENV DST-13 - Environmental Science Paper-I : Environmental Management

P. Pages : 2

Time : Three Hours



GUG/W/24/13353

Max. Marks : 50

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- Notes : 1. All questions are compulsory and carry equal marks.
2. Illustrate the answers with suitable diagrams and examples.

1. Define Solid Waste. Describe various factors affecting solid waste generation. 10

OR

- a) Discuss the method of sanitary land filling. 5
b) Write note on nuclear waste management. 5

2. Explain the preliminary treatment of waste water. 10

OR

- a) Write a short note on Reverse Osmosis. 5
b) Write a short note on Stabilization pond. 5

3. Explain Polluter Pay Principle and add a note on Carbon trading. 10

OR

- a) Briefly discuss Eco labelling and Green building. 5
b) Describe the origin and role of EMS. 5

4. Describe the stages in prior environment clearance process. 10

OR

- a) Write scope and objectives of environmental audit. 5
b) Explain the phases of Environmental Management Plan. 5

5. Answer in brief any ten. 10

- a) Mention any two methods of collection of solid waste.
b) Which methods are involved in thermal process?

- c) What do you mean by biomedical waste?
- d) State any two objectives of waste water treatment.
- e) What do you mean by Activated sludge?
- f) Give the full form of CETP.
- g) Give the full form of UNFCC.
- h) Mention any two methods to reduce pollution at source.
- i) State the purpose of EMS.
- j) Give full form of EIA.
- k) State any two benefits of EA.
- l) State importance of green belt around industry.
