

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

P. Pages : 1

Time : Three Hours



GUG/S/25/13353

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. Discuss characteristics of solid waste. **10**
- OR**
- a) Explain factors affecting solid waste generation. **5**
- b) Discuss method of collection of solid waste **5**
2. Explain screening and grit-removal as primary treatment of wastewater. **10**
- OR**
- a) Briefly explain trickling filter. **5**
- b) Explain ozone treatment as tertiary treatment. **5**
3. Discuss material modification and end of pipe technology as cleaner technologies. **10**
- OR**
- a) Explain clean development mechanism. **5**
- b) How to reduce pollution at source? **5**
4. Discuss EIA procedure. **10**
- OR**
- a) Briefly explain guidelines of EA. **5**
- b) Explain post project environmental monitoring. **5**
5. Answer in brief **any ten**. **10**
- a) What is e-waste?
- b) Define biomedical waste.
- c) What is pyrolysis?
- d) What is reverse osmosis?
- e) Give full form of CETP.
- f) State sources of wastewater.
- g) Give the full form of UNFCCC.
- h) Write about green building.
- i) State role of EMS.
- j) Define environmental audit.
- k) State objectives of EA.
- i) What is EIS?
