

B.Sc. (Part-III) CBCS Pattern Semester-VI
USENV DST-13 - Environmental Science Paper-I : Environmental Management

P. Pages : 1

Time : Three Hours



GUG/W/23/13353

Max. Marks : 50

- 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? Explain. **5**
4. Discuss EIA procedure in detail. **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 solid 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) State principle of green building.
i) State role of EMS.
j) Define environmental audit.
k) State objectives of EA.
l) What is EIS?
