

B.Sc. (Part-II) (CBCS Pattern) Semester-IV
USENVT07 - Environmental Science Paper-I - Pollution Control Technologies

P. Pages : 1

Time : Three Hours



GUG/S/25/12008

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 working of fabric filters (Bag house filters). 10
- OR**
- a) Explain flue gas desulphurization. 5
b) Discuss role of IPCC in climate change. 5
2. Explain principle and process of sedimentation. 10
- OR**
- a) Briefly explain impurities in water. 5
b) Explain seeding with naturally occurring microorganisms for oil pollution control. 5
3. Discuss types of personal protective equipment's. 10
- OR**
- a) Which method is used to reduce highway noise? 5
b) How noise can be controlled at source? 5
4. Describe eco-farming and eco-technology as in-situ soil remediation. 10
- OR**
- a) Briefly explain neem pesticides. 5
b) Write an explanatory note on phytoremediation. 5
5. Answer in brief **any ten**. 10
- a) What is MIC?
b) What is ESP?
c) What is wet collector?
d) What is ballast water?
e) Write about utilization of fly ash.
f) Define thermal pollution.
g) Give the principle of first aid.
h) State objectives of occupational health hazards.
i) What is ventilation?
j) What is the meaning of soil flushing?
k) How to reclaim degraded land?
l) What is biopesticide.
