

B.Sc. (Part - II) CBCS Pattern Semester-III
USENVT05 - Environmental Science Paper-I : Pollution Science

P. Pages : 2

Time : Three Hours



GUG/W/23/11606

Max. Marks : 50

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

1. Discuss classification of air pollutants. **10**

OR

a) Write short note on photochemical smog. **5**

b) Discuss air pollution problems due to pulp and paper industry. **5**

2. Explain types and sources of water pollutants. **10**

OR

a) Discuss environmental issues associated with coal ash. **5**

b) Define oil pollution. Discuss its effects on marine life. **5**

3. Discuss sources of noise pollution Add the effects of noise pollution of man. **10**

OR

a) Explain basic types of radiation and their sources. **5**

b) Discuss various occupational health hazards in mining activities. **5**

4. Define soil pollution give causes and sources of soil pollution. **10**

OR

a) Discuss the effects of chemical pollutants on soil. **5**

b) Explain bioaccumulation and biomagnification of pesticides. **5**

5. Answer in brief **any ten.** **10**

a) Define Secondary air pollutants.

b) Give any two control measures of acid rain.

c) What do you mean by non-point sources of air pollution?

d) Define water pollution.

- e) What is ballast water?
- f) Mention any three sources of thermal pollution.
- g) Which instruments are used to measure Noise pollution?
- h) What do you mean by Nuclear winter?
- i) Give the importance of ventilation in work place.
- j) What do you mean by soil sediment?
- k) Write any two detrimental effects of soil pollutants.
- l) Mention any two effects of pesticide on birds.
