

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

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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 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.
