

Bachelor of Science (B.Sc. Part – II) (CBCS Pattern) Third Semester
USENVT05 – Environmental Science Paper – I Pollution science

P. Pages : 1

Time : Three Hours



GUG/W/18/11606

Max. Marks : 50

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

1. What is acid rain? Discuss its causes, effects and control measures. **10**
OR
 - a) Enlist sources of air pollution. Give classifications of air pollutants. **5**
 - b) With suitable examples discuss point and non point sources of air pollution. **5**
2. State types of water pollutants. Describe surface and groundwater pollution. **10**
OR
 - a) Explain effects of thermal pollution on environment. **5**
 - b) What are the effects of air pollution on marine life and man? **5**
3. Enlist causes of traffic noise. Describe effects of noise pollution on human beings. **10**
OR
 - a) Give sources of radiation pollution. Enumerate damages caused by radiation. **5**
 - b) Highlight difficulties due to poor illumination and ventilation in work environment. **5**
4. Describe major routes of contamination of soil. **10**
OR
 - a) Explain the process of bioaccumulation of pesticide. Give examples of POP's. **5**
 - b) Comment on – Agricultural practices and mining activities contributes to soil pollution. **5**
5. Answer in brief **any ten**. **1x10**
 - a) Give examples of Criteria Pollutants.
 - b) What is Photochemical Smog?
 - c) PAN is an example of which type of air pollutant.
 - d) Name the disease associated with groundwater nitrate pollution.
 - e) Define thermal pollution.
 - f) What is Ballast water?
 - g) Give the difference between sound and noise.
 - h) Name the units for radiation.
 - i) Which occupational health hazard is associated with vibration?
 - j) Define Soil pollution.
 - k) Which diseases are caused by soil pollutants?
 - l) State the mode of poisoning for pesticide pollution.
