

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.
