

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

P. Pages : 1

Time : Three Hours



**GUG/W/22/11606**

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 photochemical smog with its formation and effects. **10**  
**OR**  
a) Discuss principal pollutants of vehicular pollution. **5**  
b) Explain air pollution problems of thermal power plant. **5**
2. What are the major sources of thermal pollution? Explain its effects on environment. **10**  
**OR**  
a) Discuss the effects of oil pollution on marine life. **5**  
b) Explain ground water pollution in detail. **5**
3. Discuss the basic types, sources and damages caused by radiation? **10**  
**OR**  
a) How noise Pollution is measured? **5**  
b) What are the causes of accidents in occupation? **5**
4. Explain the pesticide pollution w.r.t its source and effects on man and animals. **10**  
**OR**  
a) What are the major routes of contamination of soil? **5**  
b) Write an explanatory note on Salination of soil. **5**
5. Answer in brief **any ten.** **1x10**  
a) What are the primary air pollutants? **=10**  
b) Define acid rain.  
c) What are the non point sources of air pollution?  
d) What is oil pollution?  
e) Write about the water resources.  
f) What are the sources of surface water pollution?  
g) Write about nuclear winter.  
h) What are the auditory effects of noise?  
i) Give the units of radiation.  
j) What is soil pollution?  
k) Define biomagnification.  
l) What is acidification of soil?

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