

B.Sc. (Part-II) (CBCS Pattern) Semester-III  
**USENV T05 - Environmental Science Paper-I - Pollution Science**

P. Pages : 1

Time : Three Hours



**GUG/W/24/11606**

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) Describe causes and effects of acid rain. **5**  
b) Explain point and nonpoint sources of air pollution. **5**

**2. Explain sources and effects of thermal pollution on environment. 10**

**OR**

- a) Briefly write effects of oil pollution on marine life. **5**  
b) Discuss in brief types of water pollution. **5**

**3. Discuss types of occupational hazards in detail. 10**

**OR**

- a) Explain auditory and nonauditory effects of noise on human being. **5**  
b) Describe basic types of radiations. **5**

**4. Describe effects of pesticide pollution on man and animals. 10**

**OR**

- a) Explain major routes of soil contamination. **5**  
b) Write on explanatory note on Persistent Organic Pollutants (POP's). **5**

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

- a) What are primary air pollutants?  
b) What are criteria pollutants?  
c) State effects of vehicular pollution.  
d) What is ballast water?  
e) Give sources of water pollution.  
f) What is thermal pollution?  
g) Define noise pollution.  
h) What is nuclear winter?  
i) State sources of radiation pollution.  
j) Define soil pollution.  
k) What is soil acidification?  
l) What is bioaccumulation?

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