

**Bs/EVS/C-10T**

**2025**

( FYUGP )

( 5th Semester )



**ENVIRONMENTAL SCIENCE**

( MAJOR )

Paper Code : EVS/C-10T

**( Environmental Pollution and Human Health )**

Full Marks : 75

Pass Marks : 40%

Time : 3 hours

*The figures in the margin indicate full marks  
for the questions*

1. (a) Define pollution. Elaborate on the types of air pollutants. 5+10=15

*Or*

- (b) Examine the sources and effects of indoor air pollution on human health. 15

2. (a) Elaborate on point source and non-point source of water pollution with suitable examples. 15

( 2 )

*Or*

(b) Explain the working of an effluent treatment plant in controlling water pollution.

3. (a) Discuss how the use of chemicals in agriculture causes soil pollution. Suggest control measures to reduce soil pollution. 10+5=15

*Or*

(b) What is permissible ambient noise level? Examine the impact of noise pollution on life forms. 3+12=15

4. (a) Elaborate on the effect of radiation on human health. 15

*Or*

(b) Discuss on the existing challenges and management techniques in marine pollution.

5. (a) What do you understand by solubility of pollutants? Explain the concept of biotransformation and bioaccumulation. 5+10=15

( 3 )

*Or*

- (b) Write a note on regulatory framework for pollution control in India. Critically evaluate the success and failure of the Ganga Action Plan. 5+10=15

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