

M.Sc.(Part-I) (Environmental Science) (Old / CBCS Pattern) First Semester
EVS-04 / PSENV T04 / PSCENV T04 - Environmental Pollution Paper-IV

P. Pages : 1

Time : Three Hours



GUG/W/18/11161

Max. Marks : 80

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

1. What is photochemical smog? How it is formed in the atmosphere? What are its consequences? **16**

OR

a) State major vehicular pollutants. What steps are needed to control vehicular pollutants? **8**

b) Describe sources of air pollutants. **8**

2. Discuss the sources and effects of thermal pollution. **16**

OR

a) What are the causes of Eutrophication suggest control measures. **8**

b) Briefly classify water pollutants. **8**

3. What are the causes of soil erosion? Discuss methods to control it. **16**

OR

a) Describe corrective measures for reclamation of degraded soil. **8**

b) Discuss sources of soil pollution. **8**

4. Discuss the various methods used for the treatment and disposal of solid waste. **16**

OR

a) What are the effects of radiation pollution on environment? **8**

b) Describe auditory and non auditory effects of noise pollution. **8**

5. a) Write effects of air pollutants on materials. **4x4=16**

b) Briefly explain pollution caused by heavy metals.

c) What is bioremediation?

d) Write a short account on radiation episode.
