

M.Sc.- I (Environmental Science) (CBCS Pattern) Sem-I
PSENV T04 / PSCENV T04 - Paper-IV : Environmental Pollution

P. Pages : 1

Time : Three Hours



GUG/W/22/11161

Max. Marks : 80

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

1. What is photochemical smog? Explain theory of formation of photochemical smog. Write its effect on human beings. **16**

OR

- a) Describe control strategy for vehicular pollution. **8**
b) Describe effects of air pollutants on plants. **8**

2. Describe source and effects of thermal pollution. How thermal pollution can be controlled? **16**

OR

- a) Give causes and control measures of eutrophication. **8**
b) Give the classification of water pollutants. **8**

3. Define soil erosion. Give causes and control methods of soil erosion. **16**

OR

- a) What are the sources of soil pollution. **8**
b) Explain the method for reclamation of degraded soil. **8**

4. Give classification of solid waste and explain disposal method of solid wastes. **16**

OR

- a) Describe episodes of radiation pollution. **8**
b) What is noise pollution? Explain the effects of noise pollution. **8**

5. a) Write a note on Euro norms. **4**

b) Write explanatory note on heavy metal pollution. **4**

c) State the causes of soil degradation. **4**

d) Give ambient air quality standards w.r.t. noise. **4**
