

M.Sc. (Part-I) (Environmental Science) (NEP Pattern) Semester-I  
**NEP-44-1 / PEENV T04-1 Elective - Environmental Pollution**

P. Pages : 1

Time : Three Hours



**GUG/W/24/15097**

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.** Discuss classification of air pollutants. **16**

**OR**

- a) Explain formation of photochemical smog. **8**  
b) Give the effects of vehicular pollution in detail. **8**

**2.** Discuss eutrophication with causes, consequences and control measures. **16**

**OR**

- a) Briefly explain sources and effects of thermal pollution. **8**  
b) Give the nature and types of water pollution. **8**

**3.** Discuss causes of soil degradation. How degraded soil can be reclaimed? **16**

**OR**

- a) What is soil erosion? How to control soil erosion? **8**  
b) Explain sources and consequences of soil pollution. **8**

**4.** Discuss classification of solid waste in detail. **16**

**OR**

- a) Briefly explain sources and effects of radiation pollution. **8**  
b) Give the effects of noise pollution on environment. **8**

**5.** a) What is urban heat island phenomenon? **4**

b) How to control oil pollution? **4**

c) What is bioremediation? Explain it. **4**

d) What are the sources of noise pollution? **4**

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