

Exam.Code:0905
Sub. Code: 6647

1108
B.E. (Computer Science and Engineering)
First Semester
GS-101: Introduction to Environmental Science

Time allowed: 3 Hours

Max. Marks: 50

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting two questions from each Unit.

x-x-x

- I. Attempt the following:-
- a) What is photochemical smog? Give example. (2)
 - b) Which gases lead to the formation of acid rain? (2)
 - c) What is the unit of measurement of noise? (1)
 - d) Mention any example of nuclear pollution outside India. (2)
 - e) What is BOD? What is its significance? (2)
 - f) Which layer of the earth is also known as "Sial"? (1)

UNIT – I

- II. a) What is ecosystem? Explain its different components.
b) Explain types of succession in communities. (2x5)
- III. Elucidate in detail the major air pollutants and their effects. What measures can be used to control air pollution? (10)
- IV. Describe greenhouse effect. Which are the factors that contribute to ozone layer depletion? How it can be controlled? (10)

UNIT – II

- V. Give in detail methods for collection and disposal of solid waste. (10)
- VI. Elucidate physical, chemical and biological methods for treatment of polluted water. (10)
- VII. a) Describe what is noise pollution and how it can be controlled.
b) Explain in brief consequences of water pollution on the environment. (2x5)

x-x-x