

Exam.Code:0931
Sub. Code: 33696

2125

B.E. (Electronics and Communication Engineering)
Seventh Semester
HSS-701: Environmental Science

Time allowed: 3 Hours

Max. Marks: 50

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

x-x-x

I. Answer the following:-

- a) What is ecology and types of ecology?
- b) Give two disposal methods for hazardous solid waste?
- c) What is eutrophication? Explain with suitable example.
- d) Give the composition of atmosphere.
- e) Differentiate between primary and secondary air pollutants.

(5x2)

UNIT - I

II. Write short notes on:

- a) Components of the environment
- b) Greenhouse effect

(5,5)

III. Explain:-

- a) Concept of energy balance.
- b) Principle of Environment impact assessment

(5,5)

IV. Define ozone hole. How we can control the depletion of ozone layer. Bad effects of ozone depletion on human beings and environment.

(10)

UNIT - II

V. Define water pollution and types. Explain the effects of water pollution on environment. Explain the process of collection and disposal of pollutants from water bodies?

(10)

VI. Discuss various standards and control for noise pollution? Impact on noise pollution on humans.

(10)

VII. Discuss in brief:-

- a) Hydrosphere
- b) Lithosphere

(5,5)

x-x-x