

B.E. (Electronics and Communication Engineering)  
Seventh Semester  
HSS-701/EC-726: 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. Explain the following:-

- a) Explain in brief the eutrophication process and source.
- b) What is the significance of incineration process in solid waste management?
- c) Define ecological succession and its several phases.
- d) Differentiate between lentic and lotic ecosystem?
- e) What is composting? Types of composting. (5x2)

UNIT - I

II. What are the components of environment, discuss in details? What is the importance of each components for environment conservation. (10)

III. Explain in detail:-

- a) Ecological succession
- b) Environment impact assessment (5,5)

IV. Discuss below:-

- a) Atmospheric composition
- b) Greenhouse effect (5,5)

UNIT - II

V. Discuss in detail the primary and secondary pollutants and their point sources. What type of measures are adopted for the standardization and control of these pollutants. (10)

VI. Explain the process of collection, disposal, recovery and conversion of solid waste in detail? (10)

VII. Write down various standards and control of noise pollution? Explain in brief the effects of noise pollution on physiological health and human behavior. (10)