

2124

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. Explain the following:-

- a) Differentiate between primary and secondary pollutants.
- b) Differentiate hydrosphere, atmosphere and lithosphere
- c) Write down four main sources of air pollution and water pollution
- d) What is climate change? List measure to combat climate change
- e) Define Environment degradation. Explain how human activities are contributing to it. (5x2)

UNIT - I

II. What are air pollutants? Describe sources of air pollution. Explain effects of air pollution on environment and human health. (10)

III. Write short note on following:-

- a) Ozone layer and its depletion
- b) Acid Rain (2x5)

IV. Define Atmosphere. Explain the structure and composition of atmosphere. (10)

UNIT - II

V. Define water pollution? Explain various sources contributing to water pollution. List various measure through which water pollution can be controlled. (10)

VI. Define Solid waste. List various types of waste and their sources. Explain environmental impact of solid waste if not managed properly. Explain role of individual in segregation and management of Solid waste. (10)

VII. Define noise pollution. Explain effect of noise pollution on health. Which measures can be taken to control the noise pollution? (10)

*x-x-x*