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SNS College of Technology, Coimbatore-35.

(Autonomous)

B.E/ B.Tech- Internal Assessment -I

Academic Year 2023-2024 (ODD)

First Semester

Department of Science and Humanities

23CHT103 - Environmental Science & Sustainability

Time: 1^{1/2} Hours

Maximum Marks: 50



Answer All Questions

PART - A (5 x 2 = 10 Marks)

	CO	Blooms
1. List the members of biotic components of an ecosystem.	CO1	Und
2. Differentiate between pioneer community and seral stage.	CO1	Rem
3. Write about the significance of biodiversity.	CO1	Und
4. How is acid rain connected to air pollution?	CO2	Ana
5. Carbon monoxide is more dangerous than carbon dioxide. Why?	CO2	Und

PART -B (13+13+14 = 40 MARKS)

	CO	Blooms
6a. i) Identify and explain the present day major threats to the biodiversity of India.	13 CO1	App
(OR)		
6b. i) Express about the value that can be assigned to biodiversity.	8 CO1	App
ii) Formulate the process of ecological succession.	5 CO1	Und
7a. i) Explain about the principal sources of air pollution, the consequences for human health and the environment, and the techniques for reducing air pollution?	13 CO2	Ana
(OR)		
7b. i) Enumerate various methods for control of soil pollution.	6 CO2	Und
ii) Describe the effects of industrial noise pollution in your community.	7 CO2	Und
8a. i) Explain the strategy adopted to conserve biodiversity.	14 CO1	Ana
(OR)		
8b. i) Explain the various ways in which water pollutants reach the environment, as well as their negative impacts and management mechanisms.	14 CO2	Ana

Rem/Und: Remember/ Understand

App: Apply

Ana: Analyze

Eva: Evaluate

Cre: Create