



VIT[®]

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

SCHOOL OF ADVANCED SCIENCES Fall Semester 2024-2025

Continuous Assessment Test –1

Programme : BBS
Course Code : CHY1002
Course Name : Environmental Sciences
Slot : F1+TF1

Duration : 90 minutes

Max. Marks : 50
Class No : VL2024250106818,
VL2024250106820

Faculty Name : Dr. Srinivasan Latha ; Dr. Gopi R

Answer ALL the Questions [5x 10 = 50 Marks]

Q.No.	Question	Marks
1.	Flow of energy through various trophic levels in an ecosystem is unidirectional and non-cyclic. Explain it with the laws of thermodynamics.	10
2.	Human activities, such as urban development, have an impact on the ecological succession process. Identify the type of succession involved and sequence the stages of ecological succession.	10
3.	a) Explain the significance of IPAT equation in assessing the environmental impact. b) What is an ecological niche? Explain the various types of species interactions that exist in the environment.	5+5
4.	Explain the types of conservation methods of biodiversity with suitable examples.	10
5.	What are the factors responsible for threats to biodiversity? Explain them in detail.	10