

**VIT**Vellore Institute of Technology
(Approved by the University Grants Commission, UGC, India)**School of Advanced Sciences****Fall Semester 2023-2024****Continuous Assessment Test –1****SLOT: B2+TB2****Programme Name & Branch : BBS, MIC, MID****Course Name & code: Environmental Sciences & CHY1002****Class Number (s) : VL2023240108287, 6295, 6299, 6301, 6303.****Faculty Name (s) : U. Vijayalakshmi, S. Senthilkumar, Sreetama Ghosh, C. Vijayanand, Abir Sarbajna****Exam Duration: 90 Min.****Maximum Marks: 50****Answer all the Questions**

Q.No.	Question	Marks
1.	Describe how the anthropogenic factors affect the Nitrogen cycle with the suitable diagram. List out the major effects of human activities on Nitrogen cycle.	10
2.	What are the seral stages involved in ecological succession? Substantiate the process involved in plant succession on a bare rock.	10
3.	a) Explain the significance of IPAT equation in assessing the environmental impact. b) What is ecological niche? Explain 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. <i>(Handwritten: 10 marks)</i>	10

IPAT