Student Name: University Roll No.:	Printed Pages: 01
School of Engineering First Theory Sessional Examination Odd Semester (AS: 2024-25) B. Tech: CSE (IOTBC) 1A [Year: I] [Semester : I]	
Course Title: Environment and Ecological Sustainability Course Code: NBSCC1101	Max Marks: 30 Time: 1*hrs*

Instructions: 1-Mention any assumptions made.
2-Notations have usual meaning.

	SECTION 'A' Q.N.1. Attempt all parts of the following:	Course Objective	Marks
a)	Define environment.	CO1	1
b)	What is green marketing?	CO1	1
c)	Differentiate between food chain and food web.	CO1	1
d)	Differentiate between lotic and lentic ecosystems.	CO1	1
e)	What do you mean by natural resource?	CO2	1
	SECTION 'B' Q.N.2. Attempt any two parts of the following:	Course Objective	Marks
a)	What are the scope and importance of environment? Explain.	CO1	7.5
b)	Explain different steps of EIA methodology.	CO1	7.5
c)	Discuss hydrological cycle with neat sketch.	CO2	7.5

	SECTION 'C' Q.N.3. Attempt any one parts of the following:	Course Objective	Marks
a)	Define pyramid of biomass. Explain straight and inverted pyramid of biomass with neat sketch.	CO1	10
b)	Explain nitrogen cycle and carbon cycle with neat sketches.	CO1	10
c)	Explain lithosphere, hydrosphere and atmosphere. How these are related to biosphere?	CO1	10

Table 1: Mapping between COs and questions

COs	Questions Numbers	Total Marks
CO1	1 a), b), c), d), 2 a), b), 3 a), b), c)	49
CO2	1 e), 2 c)	8.5