

Name: _____	Printed Pages: 01
Student University Roll No.: _____	
School of Engineering	
First Sessional Examination, Even Semester (AS: 2023-24)	
B. Tech: Computer Science & Engineering	
Year: I Semester: II	
Course Title: Environmental & Ecological Sustainability	M.M.: 30 Time: 1 hr
Course Code: NBSCC1201	

Instructions if any: Read the question Carefully.

SECTION 'A'		Course Objective	Marks
Q.N.1. Attempt all parts of the following:			
a)	List out the types of ecosystems.	CO1 ✓	1
b)	What are primary consumers?	CO1 ✓	1
c)	Define the term ecology.	CO1 ✓	1
d)	What is a food web?	CO1	1
e)	What is nutrient cycle?	CO2	1
SECTION 'B'		Course Objective	Marks
Q.N.2. Attempt any two parts of the following:			
a)	What is a prey predator relationship? Explain with an example.	CO2 ✓	7.5
b)	Explain with the help of neat sketch the different layers of atmosphere.	CO1 ✓	7.5
c)	Differentiate between artificial and natural ecosystems	CO1 ✓	7.5
d)	Explain ecological pyramid with the help of neat sketch.	CO1 ✓	7.5
SECTION 'C'		Course Objective	Marks
Q.N.3. Attempt any one part of the following			
a)	Explain Rainwater Harvesting.	CO2 ✓	10
b)	What is EIA? Explain in detail along with the steps involved in EIA.	CO1 ✓	10
c)	What are the major materials cycles present on earth? Explain with diagram.	CO1 ✓	10

Table 1: Mapping between
(Number of COs mapped)

COs	Question
CO1	1a,1b,1c,1d,2b,2c,2d
CO2	1e,2a,3a,3b,3c