

Name:	Printed
Student University Roll No.:	Pages:01
School of Engineering	
First Sessional Examination, Even Semester (AS: 2023-24)	
B. Tech: Computer Science & Engineering	
Year: I	Semester: I
Course Title: ENVIRONMENT & ECOLOGICAL SUSTAINABILITY	M.M.: 30
Course Code: NBSCC1101	Time: 1 hr

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 rain water harvesting?	CO2	1
e)	Explain conventional & Non-conventional resources.	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.	CO1	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)	Briefly explain the importance of optimum fluoride concentration in drinking water.	CO2	7.5

SECTION C		Course Objective	Marks
Q.N.3. Attempt any one part of the following			
a)	What is sustainable development? What are its goals at global level?	CO2	10

b)	What is EIA? Explain in detail along with the steps involved in EIA.	CO1	10
c)	What is the major material cycles present on earth? Explain with diagram.	CO1	10

Table 1: Mapping between COs and questions
(Number of COs may vary from course to course)

COs	Questions Numbers	Total Marks
CO1	1a,1b,1c, 2a, 2b, 2c, 3b, 3c	45.5
CO2	1d, 1e, 2d, 3a	19.5