

Title of Assignment: Environmental Science

Course: BCA (GEN-A/B)BCA(DS), 3rd semester, ECE

Session: 2022-23

Date of Issue: 10 August, 2023

Date of Submission: 16 Aug, 2023

Course Unit included: 1st

Max. Marks: 30

Assignment Number: 1st

Learning Outcomes:

L01: Gain basic knowledge about Environment.

L02: Learn about public awareness.

L03: Understand functional element of Forest Resources.

L04: Learn about need and importance of Environment.

L05: Gain basic knowledge about Natural Resources.

Question-1

Your first task revolves around basic knowledge about environment.

- a) *Name the two components of Environment.*
- b) *Define Environment. Discuss about four segments of environment in brief.*

Question-2

Your second task revolves around public awareness.

Discuss the need of public awareness for the conservation and protection of environment.

Question-3

Your third task revolves around basic knowledge about Natural Resources.

Explain about Natural resources with the help of diagram.

Question- 4

Your fourth task revolves around the need and importance of Environment.

What is the importance of Environmental science.

Question-5

Your third task revolves around the functional element of Forest Resources.

Explain functional elements of forest resources.



ECHELON INSTITUTE OF TECHNOLOGY

Department of Computer Science & Engineering

Title of Assignment: Ecosystem

Course: BCA DS, 3rd semester

Session: July 2023 - Dec. 2023

Date of Issue: 20 September, 2023

Date of Submission: 25 September

Course Unit included: 2

Max. Marks: 30

Assignment Number: 2nd

Learning Outcomes:

LO1: Understand the basics of ecosystem

LO2: Understand the functioning of ecosystem

LO3: Understand the representation of trophic levels of ecosystem

Question No.1

Discuss in detail the various components of ecosystem.

Question No.2

Discuss the general structure and functions of any ecosystem.

Question No.3

Explain ecological pyramids and its types with examples.

Echelon Institute of Technology, Faridabad

Assignment No– 3 : Odd Semester 2023-24

Course/Branch	: BCA DS 3rd / B.Tech. ECE 5th	Semester: 3rd /5th
Subject Name	: Environmental Science	Max. Marks : 20
Subject Code	: BCA-17-204 & MC03	Date of Submission: 31/10/2023

CO-3 : *On completion of this course, the student will be able to understand the various pollution types, their causes, effects and control measures.*

Q.1 : Attempt all the questions (Short Answer Type). (2 x 4 = 8 Marks)

- a) Define water pollution.
- b) What is BOD?
- c) Define noise pollution. What is the unit of measuring noise levels?
- d) List any four sources of water pollution.

Q.2: Write a short note on Biological Magnification and Eutrophication [4]

Q.3: Discuss the sources of soil pollution and measures to control soil pollution. [4]

Q4: Discuss in detail the causes, effects and control measures of radiation pollution. [4]