

B.E. / B. Tech. Degree Examinations
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CAT-I

Subject : EVS

Duration : 9:15 to 10:45 am

Subject code : GE8291

Date : 26/03/2021

Branch/Sem/Year : ECE / IV / II

Max. Marks: 50

PART-A

Answer all the Questions

(5 X 2 = 10)

1. What are endangered and keystone species? K1
2. Define point and non-point sources? K2
3. Define BOD and COD. K2
4. Explain food chain and food web. K2
5. Write the difference between primary and secondary pollutants K1

PART-B

(2 X 13 = 26)

6. i) Explain the energy flow in the ecosystem with suitable diagram. K1
- ii) Write the types, characteristics and structure of forest ecosystem. K1

(OR)

Write short notes on values and threats of biodiversity. K2

7. i) Discuss the effects and control measures of air pollution. K2

(OR)

- ii) Discuss the effects and control measures of water pollution. K2

PART-C (COMPULSARY)

(1 X 14 = 14)

8. Explain the conservation of biodiversity K1

C304	GE8291	ENVIRONMENTAL SCIENCE AND ENGINEERING	L	T	P	C
			3	0	0	3
C304.1	Interpret the relationship between living organisms and the environment and to identify the threats to global Bio-diversity					
C304.2	Identify and prevent the problems related to the pollution of air, water, soil ,marine etc					
C304.3	Understand the importance of natural resources and conserve it for future generation.					
C304.4	Analyze the social issues of the environment to be a part of sustainable development.					
C304.5	Create awareness and sustainable population growth and know the contribution of information technology un environmental management.					
C304.6	Study the integrated themes and Bio- diversity, natural resources, pollution control, Waste management for protecting environment from degradation.					