



PRESIDENCY UNIVERSITY

BENGALURU

Roll No.																			
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Make Up Examinations – December 2025

Date: 27-12-2025

Time: 09:30am – 12:30pm

School: SOD	Program: B.Des		
Course Code: CHE1020	Course Name: Environmental Studies and Sustainable Development		
Semester: MK	Max Marks: 100	Weightage: 50%	

CO - Levels	CO1	CO2	CO3	CO4	CO5
Marks	14	14	36	36	NA

Instructions:

- (i) Read all questions carefully and answer accordingly.
- (ii) Do not write anything on the question paper other than roll number.

Part A

Answer ALL the Questions. Each question carries 2marks.

10Q x 2M=20M

1	Mention two importance of atmosphere.	2 Marks	[Remember]	CO1
2	Define an artificial ecosystem and provide examples.	2 Marks	[Remember]	CO2
3	Write any two objectives of environmental studies.	2 Marks	[Remember]	CO1
4	Explain the term "consumers" with examples.	2 Marks	[Remember]	CO2
5	What are chemical hazards? Provide examples.	2 Marks	[Remember]	CO3
6	List two effects of the greenhouse effect.	2 Marks	[Remember]	CO3
7	Mention two objectives of spreading hygiene awareness in society.	2 Marks	[Remember]	CO4
8	List out two ways to prevent soil erosion.	2 Marks	[Remember]	CO4
9	Highlight two environmental impacts of e-waste.	2 Marks	[Remember]	CO3
10	Define biotic resources and provide examples.	2 Marks	[Remember]	CO4

Part B

Answer the Questions

Total 80 Marks.

11.	a.	Discuss endangered, endemic, rare, and extinct species with examples.	10 Marks	[Understand]	C02
	b.	Describe the natural water cycle process.	10 Marks	[Understand]	C01

or

12.	a.	Describe types of species interaction in ecosystems.	10 Marks	[Understand]	C02
	b.	Explain the natural carbon cycle process.	10 Marks	[Understand]	C01

13.	a.	Discuss the causes, effects, and remedies for noise pollution.	10 Marks	[Understand]	C03
	b.	Outline the pros and cons of non-renewable energy sources.	10 Marks	[Understand]	C03

or

14.	a.	Discuss the causes, effects, and solutions for air pollution.	10 Marks	[Understand]	C03
	b.	Evaluate the advantages and disadvantages of renewable energy sources.	10 Marks	[Understand]	C03

15.	a.	Explain the causes of excessive water usage.	10 Marks	[Understand]	C04
	b.	Briefly outline problems due to rapid urbanization.	10 Marks	[Understand]	C04

Or

16.	a.	Explain the causes of soil erosion.	10 Marks	[Understand]	C04
	b.	Discuss methods for conserving and storing food resources.	10 Marks	[Understand]	C04

17.	a.	Categorize the following as renewable or non-renewable energy sources: Biomass, tidal energy, crude oil, geothermal energy, coal, nuclear energy, hydroelectric energy, natural gas, wind energy, petrol.	10 Marks	[Understand]	C04
	b.	Explain the "Reduce, Reuse, Recycle" concept with examples.	5 Marks	[Understand]	C03
	c.	Discuss the advantages of soil conservation.	5 Marks	[Understand]	C03

Or

18.	a.	Classify resources based on origin and exhaustibility.	10 Marks	[Understand]	C04
	b.	Define "water desalination" and its global significance.	5 Marks	[Understand]	C03
	c.	Describe solutions for solid waste management.	5 Marks	[Understand]	C03

******* BEST WISHES *******