



# PRESIDENCY UNIVERSITY

BENGALURU

Roll No.														
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## End - Term Examinations – MAY 2025

**Date:** 23-05-2025

**Time:** 01:00 pm –04:00 pm

<b>School:</b> SOC	<b>Program:</b> B.SC. [Economics, Statistics, Mathematics]	
<b>Course Code:</b> BSE2034	<b>Course Name:</b> Environmental Economics	
<b>Semester:</b> IV	<b>Max Marks:</b> 100	<b>Weightage:</b> 50%

CO - Levels	C01	C02	C03	C04
Marks	33	33	42	42

### 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 2 marks.**

**10Q x 2M=20M**

1.	Define environmental justice	2 Marks	L1	C01
2.	Define environmental economics both in static and dynamic perspectives	2 Marks	L1	C01
3.	Define social marginal cost and benefit and private marginal cost	2 Marks	L1	C02
4.	Define pollution	2 Marks	L1	C02
5.	Differentiate marginal damage cost and marginal abatement cost	2 Marks	L1	C03
6.	List out four pollution control legislations in India	2 Marks	L1	C03
7.	Recognize crown thinning and diametric limit cut in forest harvesting	2 Marks	L1	C04
8.	Identify transferable water rights	2 Marks	L1	C04
9.	Differentiate positive and negative externality	2 Marks	L1	C03
10.	Identify littoral rights and riparian rights in water allocation	2 Marks	L1	C04

## Part B

Answer ALL the Questions. Each question carries 7 Marks.

Total Marks 35M

11.	Discuss in detail material balance principle in understanding environmental problems	07 Marks	L2	C01
Or				
12.	Summarize about the typical environmental problems like deforestation and water pollution	07 Marks	L2	C01
13.	Discuss about public goods and market failure in case of externality with the help of diagram	07 Marks	L2	C02
Or				
14.	Discuss Coase theorem and solutions to externality	07 Marks	L2	C02
15.	Discuss about fiscal solution to pollution control	07 Marks	L2	C03
Or				
16.	Write a note on price-based pollution control instruments	07 Marks	L2	C03
17.	Explain regulation of renewable resource harvesting	07 Marks	L2	C04
Or				
18.	Discuss about renewable natural resources and biological mechanics	07 Marks	L2	C04
19.	Discuss about optimum level of pollution with the help of diagram	07 Marks	L2	C03
Or				
20.	Discuss about optimal harvesting under property rights	07 Marks	L2	C04

## Part C

Answer any Three Questions. Each question carries 15 marks

3Q x 15M=45M

21.	Summarize the concerns about climatic changes and air pollution	15 Marks	L2	C01
22.	Discuss excludability and rivalry criteria of differentiating goods and present different categories of goods and bads with examples	15 Marks	L2	C02
23.	Discuss in detail about various pollution control measures	15 Marks	L2	C03
24.	Discuss about sustainable forest harvesting	15 Marks	L2	C04