



End Semester/Reappear (Semester I) Examination December, 2024

Programme: BPT

Course: Energy & Environmental Sciences

Course Code: 23A104

Enrolment no. \_\_\_\_\_

Full Marks: 70

Time: 3 Hrs.

Q.No.	Questions	CO	Bloom Taxonomy Category	Marks
<b>Section I</b>				
1	<b>Short Answer type questions.</b>			<b>4 x 5 = 20</b>
a	What do you understand by Deforestation?	CO1	Remember	
	or			
b	List Renewable and Non-Renewable Energy Sources.	CO1	Remember	
	or			
c	Write short notes on Ecological Succession.	CO2	Remember	
	or			
d	Explain Briefly Desert Ecosystem.	CO2	Understand	
	or			
e	Enumerate the values of Biodiversity.	CO1	Understand	
	or			
f	Write short notes on Hot spots of Biodiversity.	CO1	Understand	
	or			
g	Explain briefly Water Pollution.	CO1	Understand	
	or			
h	What do you understand by the Solid Waste Management?	CO1	Remember	
	or			
<b>Section II</b>				
<b>Long Answer type questions.</b>				
2	How will you prevent further Ozone Layer Depletion?	CO4	Apply	<b>3 x 10 = 30</b>
	or			
3	Discuss the Fundamental Rights guaranteed in our Indian Constitution	CO4	Apply	
	or			
4	Air pollution has lot of impact on our environment. Elaborate the causes, control measures and impact of air pollution?	CO3	Analyze	
	or			
5	Explain India as a Mega- Diversity Nation.	CO3	Understand	
	or			
6	Elaborate the characteristics features and functions of Grassland Ecosystem.	CO3	Understand	
	or			
7	Explain characteristics features, structure and function of different Aquatic Ecosystem.	CO3	Understand	
	or			
<b>Section III</b>				
<b>Application based questions</b>				
8	Discuss about Natural Disasters. What are the Causes and Effects? What measures can be taken to prevent it.	CO4	Evaluate	<b>1 x 20 = 20</b>
	or			
9	Discuss the different sources of Water? Why Conservation of Water needed. How does rain water harvesting contribute to sustainable water management?	CO4	Evaluate	
	or			

### COURSE OUTCOME

At the end of the course candidate will able to

CO1: Will be able to critically examine all sides of environmental issues. To opinions about how to interact with the environment on both a personal and a social level.

CO3: An Environmental Studies major will be able to recognize the physical, chemical, and biological components of the earth's systems and show how they function.

CO3: To allow students to develop a better sense of not only individual organisms, but of the systems in which these organisms live. Students will also see how natural systems and human-designed systems work together, as well as in conflict with each other.

CO4: Able to do independent research on human interactions with the environment without destroying it.