

**PRAGATI ENGINEERING COLLEGE: SURAMPALEM  
(AUTONOMOUS)**

**II B. Tech II semester Regular Examination -May 2024**

**ENVIRONMENTAL SCIENCE**

**(EEE)**

**Time: 3 hours**

**Max Marks: 70**

**Answer any one question from each Unit**

**All Questions carry equal Marks**

Q.No.	Questions		CO	BTL	Marks
UNIT-I					
1.	a)	Define Environment. And explain the scope and importance of environment	CO1	K1	7 M
	b)	Explain the Causes and Consequences of deforestation.	CO1	K1	7M
(OR)					
2.	a)	Define mining. And discuss the sources, causes and effects of mineral resources	CO1	K2	7M
	b)	Discuss the over utilization of surface and groundwater.	CO1	K1	7M
UNIT-II					
3.	a)	Elaborate functions of ecosystem with example.	CO2	K2	7 M
	b)	What are the conservation methods to biodiversity?	CO2	K1	7M
(OR)					
4.	a)	Explain Structure of Ecosystem .	CO2	K2	7 M
	b)	What are the various threats to the biodiversity?	CO2	K1	7M
UNIT III					
5.	a)	Define noise pollution. Explain its sources, effects and control measures.	CO3	K2	7 M
	b)	List out the proper disposal methods of solid waste.	CO3	K1	7M
(OR)					
6.	a)	What is Radiation pollution? Explain its sources, effects and control measures.	CO3	K2	7 M
	b)	Explain Water pollution. And discuss the causes effects, and control measures of water pollution.	CO3	K2	7M
UNIT IV					
7.	a)	Explain the objectives and methods of water conservation	CO4	K2	7 M
	b)	Explain the silent features of water (Prevention and control) Act.	CO4	K1	7M
(OR)					
8.	a)	What is Global Warming? How it is caused? What are the consequences of Global Warming?	CO4	K2	7 M
	b)	Discuss the need of rain water harvesting.	CO4	K2	7M
UNIT V					
9.	a)	Explain the term population explosion. Enumerate its effects	CO5	K2	7 M
	b)	Explain the effects and control measures of ozone layer depletion.	CO5	K1	7M
(OR)					
10.	a)	List out the various pollution assets you documented in your local field visit.	CO5	K2	7 M
	b)	Role of Information technology in environment and Human health.	CO5	K2	7M