

**ANURAG Engineering College****(An Autonomous Institution)****II B.Tech II Semester Supplementary Examinations, June/July-2024****ENVIRONMENTAL SCIENCE****(COMPUTER SCIENCE ENGINEERING)****Time: 3 Hours****Max. Marks: 75****Section – A (Short Answer type questions)****(25 Marks)****Answer All Questions**

	Course Outcome	B.T Level	Marks
1. Define poaching of wild life.	CO1	L1	2M
2. Explain about the ecological pyramids.	CO1	L2	3M
3. List the causes and effects of soil erosion.	CO2	L1	2M
4. What are the benefits and problems of dams?	CO2	L2	3M
5. Explain about Global warming.	CO3	L1	2M
6. List some of the effects of air pollution on physical properties of atmosphere.	CO3	L2	3M
7. Write a short note on Disaster Management.	CO4	L1	2M
8. What do you mean by bioremediation?	CO4	L2	3M
9. Write briefly on Environmental ethics.	CO5	L1	2M
10. Explain about carbon foot print and its importance.	CO5	L2	3M

**Section B (Essay Questions)****Answer all questions, each question carries equal marks.****(5 X 10M = 50M)**

11. A) What is a food chain and a food web? Describe the organisms which typically occupy various levels in an ecological pyramid.	CO1	L3	10M
<b>OR</b>			
B) Explain the value of biodiversity and what are the different types of values of biodiversity.	CO1	L3	10M
12. A) Briefly explain rainwater harvesting and its methods.	CO2	L3	10M
<b>OR</b>			
B) Explain the environmental impacts of i) Fertilizer – Pesticides      ii) Over grazing.	CO2	L2	10M
13. A) Explain in detail about    i) Kyoto Protocol    ii) Earth Summit	CO3	L2	10M
<b>OR</b>			
B) Describe the sources, effects and methods of control of the following: i) Air pollution    ii) Noise Pollution	CO3	L3	10M
14. A) Mention different environmental acts and write about Water Act-1974.	CO4	L2	10M
<b>OR</b>			
B) Explain about Environment Protection Act-1986.	CO4	L3	10M
15. A) i) Analyze the concept of green building. ii) Explain about sustainable development goals.	CO5	L3	5M
<b>OR</b>			
B) Explain the aspects to be studied and the procedure for collecting information when you want to document the environmental features and resource assets of a water resource ecosystem during a field visit.	CO5	L3	10M