SHAMBHUNATH INSTITUTE OF ENGINEERING AND TECHNOLOGY, PRAYAGRAJ

Subject Code: BAS: 204   **Subject:** Environment & Ecology

Course: B.Tech.   **SEMESTER: II**

SECOND SESSIONAL EXAMINATION, EVEN SEMESTER, (2024-2024)

For All Branches (Section A & B)

Time –1hr 30 min   **Maximum Marks – 30**

1. Attempt any *FIVE* questions.

Q N	QUESTION	Marks	CO	BL
a.	Define natural resources.	2	CO2	L1
b.	What do you mean by Subsidence?	2	CO2	L1
c.	What is Rainwater harvesting?	2	CO2	L1
d.	Distinguish between Renewable and Nonrenewable energy resources.	2	CO2	L2
e.	What is water logging?	2	CO2	L1
f.	What factor causes ground Water pollution?	2	CO2	L1

2. Attempt any **ONE** of the following.

Q N	QUESTION	Marks	CO	BL
a.	What is a nitrogen cycle? What are the steps of nitrogen cycle?	5	CO2	L1
b.	What are the water-borne diseases and water induced diseases? What are the preventive and cures for these diseases?	5	CO2	L1
c.	Describe the effects of arsenic and fluoride in drinking water.	5	CO2	L2

3. Attempt any _FIVE_ questions.

Q N	QUESTION	Marks	CO	BL
a.	What are the natural causes of air pollution?	2	CO3	L1
b.	What are the most common causes of water pollution?	2	CO3	L2
c.	How does solid waste cause soil pollution?	2	CO3	L1
d.	What are the various effects of noise pollution on human health?	2	CO3	L1
e.	What measures can be taken to prevent soil pollution?	2	CO3	L1
f.	What do you mean by Noise'? How does it interfere in communication process?	2	CO3	L2

4. Attempt any _ONE_ of the following.

Q N	QUESTION	Marks	CO	BL
a.	What are pollutions? Write causes, effect and remedies about air pollution.	5	CO3	L1
b.	Describe the sources, effect and control of noise pollutions.	5	CO3	L2
c.	What are solid wastes? Discuss their types, effect and name of various Methods used to dispose in solid wastes.	5	CO3	L1/L

Bloom's Taxonomy Level (BL):-

Remember (L1),   Understanding (L2),   Apply (L3),   Analyze (L4),   Evaluating (L5),   Creating (L6)