

Roll No.

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SHAMBHUNATH INSTITUTE OF ENGINEERING AND TECHNOLOGY

Subject Code: BAS 204

Subject: Environment & Ecology

Course: B. Tech

Semester: 2nd

Sections: A & B

Branch: ALL

THIRD SESSIONAL EXAMINATION, EVEN SEMESTER, (2024-2025)

Maximum Marks – 30

Time: 1:30 hrs.

1. Attempt *any five* questions.

Q N	QUESTION	Marks	CO	BL
a.	What is acid rain?	2	CO4	L1
b.	What is the benefit of ozone layer?	2	CO4	L1
c.	What is the enhanced greenhouse effect?	2	CO4	L1
d.	What natural things affect climate in the long run?	2	CO4	L1
e.	Which gases are emitted by burning of paddy straw?	2	CO4	L1
f.	What are the gases responsible for ozone layer depletion?	2	CO4	L1

2. Attempt any *ONE* of the following:

Q N	QUESTION	Marks	CO	BL
a.	What is global warming? What are its causes and effects? Discuss remedial measure to control it.	5	CO4	L1
b.	What are three major sources of emission in an automobile? Discuss ill effect of automobile pollution with control measures.	5	CO4	L1
c.	What is ozone hole? What are the causes of ozone whole formation? Discuss the effects of ozone layer depletion and its remedial measures.	5	CO4	L1

3. Attempt *any five* questions.

Q N	QUESTION	Marks	CO	BL
a.	What is the objective of Environment Protection Act 1986?	2	CO5	L1
b.	How can we control automobile pollution?	2	CO5	L1
c.	What is value education? Give its significance?	2	CO5	L1
d.	Write the need of environment education.	2	CO5	L1
e.	What are effects of population explosion on society?	2	CO5	L1
f.	What are the problems of women's education?	2	CO5	L1

4. Attempt any ONE of the following:

Q N	QUESTION	Marks	CO	BL
a.	Discuss the salient features of the environment protection Act 1986.	5	CO5	L2
b.	Discuss population explosion in Indian Context. What are the major causes and effects of population explosion?	5	CO5	L2
c.	Explain how the initiatives taken by non-government organization (NGO) are helpful in creating the public awareness and implementation of environment protection programs. Write role of NGOs.	5	CO5	L2

Bloom's Taxonomy Level (BL):-

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