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School of Engineering Sciences & Technology
Odd Semester Examination 2024

Paper Name: Planning for Sustainable Development
Time: 3 Hrs.

Paper Code: BTECE-OE-43
BTECE-OE 43 Lateral Entry
Maximum Marks: 75

Section- A
Attempt All Questions

7x5 = 35

Q. No	Questions	Marks	CO	BL
1.	What is the goal of sustainable development? Is sustainable development necessary, especially for India?	5	1	4
2.	Write about the Vision on Education for Sustainable Development.	5	4	3
	Explain the supply-demand reversal of environmental resources.	5	3	5
4.	Why is sustainable development so often associated with protecting the environment?	5	2	6
5	Enumerate the significant points vis-à-vis the United Nations Framework Convention on Climate Change.	5	4	3
6	Discuss the characteristics and categories of green technology to ensure sustainable development	5	3	4
7	Write short notes on the following: 1. Solar energy 2. Sustainable forestry	5	5	3

Section – B
Attempt any FOUR questions.

4x10 = 40

Q. No	Questions	Marks	CO	BL
	Examine the environmental benefits of alternative resource use by citing suitable examples.	10	1	6
9.	Define Global warming and state the reasons. Describe the major impacts and responses to Global Warming	10	4	3
10.	Describe the major components of Sustainable Architecture and discuss the major aspects of Sustainable site planning.	10	2	2
11.	India has an increasing rate of air pollution. What measures should be taken to control this alarming air pollution?	10	3	5
12.	Outline the steps involved in attaining sustainable development in India	10	2	1
13.	Write about Ozone depletion. Suggest solutions to solve this global mammoth problem.	10	2	6

Bloom's Taxonomy Level (1-Remembering, 2-Understanding, 3-Applying, 4- Analyzing, 5-Evaluating, 6- Creating)