

**BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY & SCIENCE  
(AUTONOMOUS)**

***I-BBA I-Semester Supplementary Examinations (BR24), Jul - 2025*  
ENVIRONMENTAL SCIENCE AND SUSTAINABILITY (BBA)**

Time: 3 hours

Max. Marks: 70

*Question Paper consists of Part-A and Part-B  
Answer ALL the question in Part-A and Part-B*

**PART-A (10X2 = 20M)**

	Marks	CO	BL
1.a) Define Energy Security	(2M)	CO1	BL2
b) What is water conservation	(2M)	CO1	BL2
c) Define Ecological Pyramids	(2M)	CO2	BL3
d) What is deforestation.	(2M)	CO2	BL2
e) Define Eco-system Resilience.	(2M)	CO3	BL2
f) Define Air Pollution	(2M)	CO3	BL2
g) What are acid Rains?	(2M)	CO4	BL3
h) Define Solid waste Management .	(2M)	CO4	BL2
i) What is rain water Harvesting.	(2M)	CO5	BL2
j) Define Ecological Economics.	(2M)	CO5	BL2

**PART-B (5X10 = 50M)**

2a. Explain briefly about classification of natural resources.	(10M)	CO1	BL2
(OR)			
3a. Differentiate between renewable and Non- renewable energy resources with examples.	(5M)		
b. Explain various sustainable practices in managing resources.	(5M)	CO1	BL2
4a. Discuss the major features, structure and composition of forest ecosystem.	(10M)	CO2	BL3
(OR)			
5a. Explain the ecological characteristics of a ecosystem.	(5M)		
b. What are the nature reserves in Bio- Diversity.	(5M)	CO2	BL2
6a. Explain the various threats to Bio-Diversity and what are the causes for loss of Bio-diversity.	(10M)	CO3	BL3
(OR)			
7a. What are the natural and man made disasters in management .	(10M)	CO3	BL2

36, 37, 38, 39, 40  
H.

- 8a. What are the causes and consequences of pollution. (10M) CO4 BL2
- (OR)
- 9a. Explain environment protection Act . (5M)
- b. Explain in detail on environment and water act (5M) CO4 BL2
- 10a. Define environmental legislation and their judiciary role in environmental protection. (5M)
- (5M) CO5 BL3
- b. What is the purpose of environmental laws, and how do they protect nature? (OR)
- 11a. What is global warming? Mention the effects & Control measures of global warming in detail (10M) CO5 BL2

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