Course Code: 24BB1C04

BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY & SCIENCE

(AUTONOMOUS)

I-BBA I-Semester Regular/Supplementary Examinations (BR24), Feb - 2026

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 Fundamental environmental concepts.	(2M)	CO1	BL2
b)	Concept of sustainability.	(2M)	CO1	BL2
c)	What are food chain and food web	(2M)	CO2	BL3
d)	Types of Eco systems.	(2M)	CO2	BL3
e)	Define bio diversity	(2M)	CO3	BL3
f)	What is an ecosystem?	(2M)	CO3	BL2
g)	Define Ozone layer depletion.	(2M)	CO4	BL3
h)	What is Green house effect.	(2M)	CO4	BL3
i)	What is environmental ethics	(2M)	CO5	BL2
j)	What is Sustainable Development.	(2M)	CO5	BL2

PART–B (5X10 = 50M)

2a.	Explain the importance of public awareness and education in environment.	(5M)	CO1	BL2
b.	What are the components of the environment.	(5M)		
	(OR)			
3a.	Explain briefly about the functions of Eco system.	(10M)	CO1	BL2
4a.	What are the methods used for conservation in Bio diversity.	(10M)	CO2	BL2
	(OR)			
5a.	Explain the in-situ and ex-situ conservation.	(5M)	CO2	BL3
b.	Explain the significance of India as a mega diverse nation.	(5M)		
6a.	Explain the various types of environmental pollution.	(10M)	CO3	BL2
	(OR)			
7a.	Define the role of business in mitigating disaster impacts.	(10M)	CO3	BL2

8a.	Explain the Importance of adopting cleaner technologies.	(10M)	CO4	BL2
	(OR)			
9a.	Discuss about solid waste management.	(5M)		
b.	How can individuals contribute to sustainable living?	(5M)	CO4	BL3
10a.	Explain various demographic changes in India.	(10M)	CO5	BL2
	(OR)			
11a.	Explain the concept of environmental Justice.	(5M)		
b.	Discuss the nature of ecological economics.	(5M)	CO5	BL3

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