



Department of Civil Engineering

Date	07/11/2025	Maximum Marks	10 + 50
Course Code	CV232AT	Duration	20 Min + 90 Min
Sem	III	CIE – I (Quiz + Test)	

**Environment and Sustainability (Basket Course)**

Part A

Sl. No.	Questions	M	BT	CO
1.	List the components of environment.	2	1	1
2.	Define biodiversity.	2	2	1
3.	Define air pollution. What are the sources of air pollution?	2	2	2
4.	The permissible day and night noise levels for a silent zone in India are dB and dB respectively.	2	1	2
5.	What is renewable energy? List any two sources of renewable energy.	2	2	2

Part B

Sl. No.	Questions	M	BT	CO
1.	Classify different types of eco system and explain any two briefly.	10	2	1
2.	Explain the concept of the ecosystem and energy flow. Discuss ecological succession.	10	2	1
3.	What is Green Engineering? Explain the concept of sustainable urbanization and the role of socio-economic and technological change.	10	2	2
4.	Briefly explain the following safety terminologies. i) Accident ii) Ergonomics iii) First aid iv) Hazard v) Safety inspection	10	2	1
5.	With a neat sketch explain nitrogen cycle.	10	2	2

**Course outcomes:**

BT-Blooms Taxonomy, CO-Course Outcomes, M-Marks

Marks Distribution	Particulars		CO1	CO2	CO3	CO4	L1	L2	L3	L4	L5	L6
	Test	Max Marks	34	26	-	-	2	58	-	-	-	-

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