



RV College of Engineering®

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NBA Accredited (UG - 6 Years)

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Department of Civil Engineering

Date	14.01.2026	Maximum Marks	50+10
Course Code	CV232TA	Duration	90 Min +20 Min
Sem	III	CIE – III (Quiz + Test)	

Environment and Sustainability (Basket Course)

Part A

Sl. No.	Questions	M	BT	CO
1.	Define Carbon Footprint.	2	1	1
2.	What is meant by Zero Waste concept?	2	2	1
3.	State any two objectives of Environmental Impact Assessment (EIA).	2	3	2
4.	What is Corporate Social Responsibility (CSR)?	2	2	2
5.	Mention any two benefits of Sustainability Reporting.	2	2	1

Part B

Sl. No.	Questions	M	BT	CO
1.	Explain the Sustainable Development Goals (SDGs) with reference to targets, indicators, and intervention areas.	10	2	2
2.	Discuss global, regional, and local environmental issues related to climate change and suggest possible solutions.	10	2	3
3.	Explain Circular Economy and Material Life Cycle Assessment (LCA) as sustainability practices.	10	2	4
4.	Explain the concept of CSR and its relationship with corporate governance and environmental responsibility.	10	2	1
5.	Describe sustainability reporting frameworks such as GRI and Dow Jones Sustainability Index and explain investor interest in sustainability.	10	2	4

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	14	12	12	20	2	46	2	-	-	-
