	Subject Code: 24BC11RC01	R-24	Reg No:		
S. Cooled St. Cooled S	(Affiliated to Ai B.Tech I Semester Regula	AUTONOMOUS ndhra University, or Examinations, Green-Chemistom to EEE, CSE arry equal marks) Visakhapatnam December / Ja <u>ry</u> & IT)) nuary – 2025	
T	ime: 3Hrs.			Max Mai	rks: 70
1.	a. Describe the various impurities remb. Explain sketch diagrams and brief of				[7M] d [7M]
2.	a. Explain the functional procedure anb. Summarize the brief description of		•		[7M] [7M]
		<u>UNIT-II</u>			
	 a. Make use of the battery technolog MnO₂ cells b. Outline the working and reactions vehicles. Give its advantages 	occurring during OR	discharge of A	dvanced Batteries	[7M] for electric [7M]
4.	a. Explain the construction, working ofb. Outline the construction and working occurring during discharge.			•	[7M]
		<u>UNIT-III</u>			
5.	a. Describe the description, cell reacFuel –cellsb. Explain the working principle, and the Molten carbonate Fuel Cells	cell reactions, and			[7M]
6.	a. Describe the working principle, sensorsb. Explain the working principle, and Cells.				[7M]
7.	a. Categorize the factors Effecting rate	e and extent of cor	rosion		[7M]
· •	b. Explain the essential ingredients of			Give examples	[7M]

[7M]

[7M]

8. a. Explain the Theory of Electrochemical corrosion

b. Explain the control against corrosion methods for Electro less Plating of copper

UNIT-V

9.	9. a. Explain the Important 12 principles of green chemistry				
	b. Design of greener synthetic pathways of typical organic compounds by conventional	and green			
	route?	[7M]			
OR					
10	. a. Summarize the important applications of Green Chemistry	[7M]			

b. Distinguish functional toxicity vs non-functional toxicity of greener synthetic methods [7M]