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05/08/21	Engineering Chemistry Corrosion - Tutorial 3		
1->	Explain cathodic protection by sacrificial anode method		
B/15 / 78	with the help of a neat labeled diagram.		
	and the second s		
Ans	i) In galvanic protection, a more active metal is connected		
2 2 1	to the metal structure to be protected so that all the		
	corrosion is concenterated at the more active metal and		
	thus saving the metal structure from the corrosion. The		
	more active metal itself gets corroded slowly while the		
	parent structure is protected. The more active metal		
3	so employed is called sacrificial anode.		
	e,		
	And a little of the second of		
	M3/ 3		
4			
	Mg Mg2+		
	Socrificial anode Metal to be protected Cathodic Protection using Socrifical anode The corroded socrifical anode black is replaced by a fresh		
	one, when consumed completely.		
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2>	Distinguish between anodic coating and cothodic coating.	
Ans	Anodic Coating	Cathodic coating.
		i) Protects the underlying boue metal due to its hobbe character and higher corrosion resistance
	metal is lower than that of	2) Frectsode potential of wating metal is higher than that of base metal.
	3) If pores, breaks or discontinuties occur in such a coating, the base metal is	3) If pores, breaks or discontinuities occur in such a coating, the correction of the
	not corroded, till all the coating metal is consumed.	base metal is speeded up.
		4) coating of tin on iron is on example of cathodic coating.
	cooting.	
		and specific to the
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