	210	210		210	210		210		210		210
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	210	210 BD		STRIAL IN AEIE, CHE				=	210		210
		ELECTRIC		•		•		•	име		
			, ,	Time :	3 Hours		,	,			
					arks:70						
		Answer Questic	on No.1 w		DE : C114 mpulsor		anv five	from	the rest	'	
	210			the right h	-	-	-		210	•	210
Q1		Answer the follo	wing que	stions :						(2 x 10)	
	a)	Distinguish betwe									
	b)	How are the haz classified on the	zones								
	C)	Define the Dew p	oint and h	umidity.							
	210 d)	What are the swe	elling and s	shrinkage ph	nenomena	of boile	er? 210		210		210
	e)										
	f)	The hydrogen io much does the P		•	bes from	0.15 g/l	L to 0.00	25 g/L	How		
	g)	How the channel	capacity a	and channel	bandwidtl	n is rela	ited?				
	h) 210	What do you me second order sys	•	er of meas	uring syst	em? W	rite the p	arame	ters in 210		210
	i)	State with examp	les of nec	essity of mo	isture mea	asurem	ent in liqu	iids.			
	j)	What are the fund	ctions of in	Istrumentati	on system	in pow	er plant?				
Q2	a)	With suitable diag analyzer.	gram brief	ly explain th	e principle	e of ope	eration of	any oi	ne gas	(5)	
	b) 210	Describe the mea	asurement	of relative h	numidity.		210		210	(5)	210
Q3	a)	Describe the fund	tions of ar	n economize	er and sup	er heat	er.			(5)	
	b)	Why modulation i	s essentia	Il in Teleme	try?					(5)	
Q4	a)	Explain TDM and	FDM in m	neasuremen	t system.					(5)	
	b) 210	Describe the ba Reference Electr cell.								(5)	210
Q5		Distinguish the importance of differential pressu	measurem	nent and o						(10)	
	210	210		210	210		210		210		210

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	Q6	a) b)	Describe various schemes With schematic diagram	•			•	(5) (5)	
			manipulated and disturband	ces variables	3.	•			
210	Q7	210	What is Chromatograph chromatography.	y₂₁₀ Explain	the 21procedura	al details of	paper ₂₁₀	(10)	210
	Q8		Write short answer on an	y TWO :				(5 x 2)	
		a)	Flue gas Analysis						
		b)	Spectroscopy						
210		C)	Poisoning of Nuclear Fuel	210	210	210	210		210
210		d)	Wireless I/O System	210	210	210	210		210

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