Chemistry Digital Assignment 3

ASSESSMENT

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Slot: TD1

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	B.Tech (E1 Batch)	SCIENCES	
DA-III Winter Sem 20	16-17 [Course: EC (CHY 102]	May 2, 2017	
Time: 20 mins	Answer All Questions	Max. Marks: 10	
1. Oxidation corrosion occurs	,		1
a) With oxygen & moisture of Without moisture c) Without oxygen d) None of them			[6]
2. Alkalinity in water is due to			
a) Hydroxide b) Hydroxide	e and carbonate c) Carbonate and b	icarbonated) All of these	[d]
3. The polymer membrane use		1	
	ymethylmethacrylate c) Polyamid		[d]
	me required for softening 2500 litte	es of water containing Ca(H	CO ₃) ₂
(40ppm) for softening			1-1
(a) 65.5g		55.7g	18d
	ater contains 5 meq CaCO3 per litr	e.	
a) 450 ppm b) 500 ppm			[2]
	tal and forms stable film it become		
	osed to O ₂ exemposed to NH ₃ d)		101
	the rate of corrosion is more due t		
	b) High viscosity High conduct	ivity d) None of them	[6]
8. The DI of an engine is 70 a			. 20/ . 1
a) 60 b) 57	c) 77 At 67		and a
	taining 100 mg CaCO ₃) requires 2		I sample water
	ml before heating. Its temporary		- 1
a) 1500 ppm b) 1100		none of them	1/e a
10. What will happen when p	recursor gas comes in contact with	h a heated substrate in CVD	process
a) Deposition of precurso	r gas Decomposition of prec	cursor gas and deposition ()	Precursor gas
will react and deposit	d) None of them		1000