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B.Sc. Part-II (Semester-III) Examination ENVIRONMENTAL SCIENCE (Environmental Chemistry)

Paper—III

					1 ap			
Time: Three Hours]							[Max	ximum Marks: 80
Note:				COLUMN TERROPORT CONTROL MANAGEMENT	Overschied and the Book of the Control		No. 2-7 carry equal	marks. Draw
1 (4				elled diagram w	nerever nece	essary.		
1. (A		Fill in the blanks:						.,
		(a) is the main component of biogas.						1/2
	(1	0)	DD	Γ stands for				1/2
	(c) Oxygen and are the energy exchange elements.							1/2
	(0	(d) Skin is made up of protein.						
(B	3) C	Choose the correct alternatives :						
	(i	(i) A solar cell is made up of						1/2
			(a)	Silicon		(b)	Titanium	
			(c)	Magnesium		(d)	Teflon	
	(i	(ii) Which of the following is not a food toxicant?						
			(a)	Preservatives		(b)	Flavouring agents	
			(c)	Colours		(d)	CO	
	(iii) and are activators and inhibitors elements.							1/2
			(a)	Na and Ca		(b)	U and Li	
			(c)	Mg and Co		(d)	Fe and Ni	
	(i	(iv) Which of the following is the Pentose Sugar?						
			(a)	Erythrose		(b)	Glucose	
			(c)	Ribose		(d)	Galactose	
(0	C) A	Answer the following in ONE sentence:						
	(i)	Def	ine OTEC.			a	1
	(ii)	Wh	at are trace elen	nents?			1
	(:	iii)	Wh	at are enzymes	?			1
	(iv)	Def	ine Biomagnific	ation.			1
2. (a	a) F	Explain the factors that affect solubility of gases in water.						
(b	o) [Describe the role of nitrogen and phosphorus in plants.						
(c		Mention any four basic differences in saturated and unsaturated hydrocarbon.						
(C	, -					OR		ydrocarbon. 4
						OK		
VRC-	1526	2				1		(Contd.)