1	Ennallm	ont No.		
j	LIITOIIIII	ent No: Exam Seat No: C.U.SHAH UNIVERSITY		
		Winter Examination-2015		
	•	Name: Environmental Science Code: 4SC01ESE1 Branch:	Branch: B.Sc.(All)	
	Semeste Instruction		0	
	(2) I (3) I	Use of Programmable calculator & any other electronic instrument is prohibited instructions written on main answer book are strictly to be obeyed. Draw neat diagrams and figures (if necessary) at right places. Assume suitable data if needed.	d.	
Q-1		Attempt the following questions:	(14)	
	a)	Define E.S	1	
	b)	What is lithosphere?	1	
	c)	What is green house effect?	1	
	d)	What is Global Warming?	1	
	e) f)	What is ecological succession? Define Ecosystem	$\frac{1}{1}$	
	g)	Give examples of nonrenewable resources	1	
	h)	What is thermal pollution?	1	
	i)	Define biodiversity	1	
	j)	What is exosphere?	1	
	k)	What is atmosphere?	1	
	1)	Define hydrosphere.	1	
	m)	What is soil pollution?	1	
	n)	Enlist the biogeochemical cycles	1	
Atten	npt any f	Cour questions from Q-2 to Q-8		
Q-2		Attempt all questions	(14)	
	a	Explain scope, Public awareness & environmental problems in detail	7	
	b	Explain the components of atmosphere of earth	7	
Q-3		Attempt all questions	(14)	
	a	Explain biosphere in detail	7	
	b	Explain carbon & nitrogen cycle	7	



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(14)

7

Q-4

Attempt all questions

Write a short note on ecosystem & its components

	b	Explain sulfur & phosphorus cycle	7
Q-5		Attempt all questions	(14)
	a	Write a short note on environmental pollution	7
	b	Give explanation about green house effect & ozone depletion	7
Q-6		Attempt all questions	(14)
	a	Short note on concepts of conservation and sustainable development	7
	b	Explain ecological succession	7
Q-7		Attempt all questions	(14)
	a	Write explanatory note on various ecosystems	7
	b	Explain the levels and types of biodiversity	7
Q-8		Attempt all questions	(14)
	a	What is the importance of biodiversity & causes of its loss? Explain	7
	b	Explain hydrological cycle & its processes.	7

