

C.U.SHAH UNIVERSITY

Winter Examination-2015

Subject Name : Environmental Science

Subject Code : 4SC01EVS1

Branch: B.Sc.(Microbiology)

Semester : 1 Date : 2/12/2015 Time : 10:30 To 1:30 Marks : 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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Q-1	Attempt the following questions:	(14)
	a) Define Environmental Science	1
	b) What is biosphere?	1
	c) What is Ozone Depletion?	1
	d) What is biogeochemical cycle?	1
	e) Define Ecosystem	1
	f) Define environmental pollution	1
	g) What is conservation?	1
	h) What is sustainable development?	1
	i) Why there is a need for conservation?	1
	j) Define biodiversity	1
	k) What is atmosphere?	1
	l) Define hydrosphere.	1
	m) What is soil pollution?	1
	n) Enlist the biogeochemical cycles	1

Attempt any four 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
Q-4	Attempt all questions	(14)



	a	Write a short note on ecosystem & its components	7
	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 a 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

