Enrollment No: _	Exam Seat No:
	C.U.SHAH UNIVERSITY

Winter Examination-2018

Subject Name : Environmental Science

Subject Code : 4SC01EVS1 Branch: B.Sc. (All)

Semester: 1 Date: 28/11/2018 Time: 02:30 To 05:30 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.

 a) Define: Environmental science. b) Give any two example of non renewable energy. c) Term Ecology was proposed by d) What is composition of gases in atmosphere. e) What is Biodiversity Hotspot? f) What is Noise Pollution? g) Define: Ecology h) Solar energy is a type of renewable energy. True/False. i) Name different layers of atmosphere. j)% of Earth surface is covered by Water. 	(1)(1)
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	(1)
	(1)
k) What is synecology?	(1)
l) Give any two causes of thermal pollution.	(1)
m) Define: Abiotic Component.	(1)
n) Algae is autotrophic in nature. True/False.	(1)
Attempt any four questions from Q-2 to Q-8	` '
Q-2 Attempt all questions	(14)
a) Write a note on classifications of Ecology.	(7)
b) Explain Conservation and sustainable development of Environment in detail.	(7)
	(14)
a) Write a note on Nitrogen cycle with figure.	(7)
b) What is Biodiversity? Explain in detail.	(7)
	(14)
a) Discuss major causes of deforestation.	(4)



	b)	Write a note on Zones of Soil Horizon.	(7)
	c)	Draw labeled figure of carbon cycle.	(3)
Q-5		Attempt all questions	(14)
	a)	What is Succession? Explain Primary Succession in detail.	(7)
	b)	What is pollution? Explain Air and Water Pollution in detail.	(7)
Q-6		Attempt all questions	(14)
	a)	Explain components of Ecosystem.	(7)
	b)	What are Ecological pyramids? Explain its types in detail.	(7)
Q-7		Attempt all questions	(14)
	a)	Write a note on Zones of Earth.	(6)
	b)	Enlist reasons of soil pollution.	(3)
	c)	Differentiate between Renewable and Non Renewable energy resources.	(5)
Q-8		Attempt all questions	(14)
	a)	Write a note on Food Chain and food Web.	(7)
	b)	Enlist reasons of Marine pollution.	(3)
	c)	Explain terms – Producer, Consumer, Symbiosis and Parasitism.	(4)

