Enrollment No: _____ Exam Seat No:_____

C.U.SHAH UNIVERSITY

Summer Examination-2019

Subject Name : Environmental Science
Subject Code : 4SC01EVS1 **Branch:** B.Sc. (All)
Semester : 1 **Date : 14/03/2019** **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.

Q-1 **Attempt the following questions:** **(14)**

a) Define : Environment. (1)

b) Give any two example of renewable energy. (1)
c) _____ is ultimate source of energy. (1)
d) Plants carry out photosynthesis using CO_2. True/False. (1)
e) What is autoecology? (1)
f) What is Water Pollution? (1)
g) Define : Biodiversity (1)
h) Atomic energy is a type of renewable energy. True/False. (1)

i) Give any two examples of green house gas.. (1)
j) Algae is heterotrophic in nature. True/False. (1)
k) Define : Succession. (1)
l) Give any two causes of noise pollution. (1)
m) Define : biotic Component. (1)
n) What is composition of gases in atmosphere? (1)

Attempt any four questions from Q-2 to Q-8

Q-2 **Write Short notes on :** **(14)**
a) Biosphere **(7)**
b) Soil Pollution **(7)**

Q-3 **Attempt all questions** **(14)**
a) Write a short note on Carbon cycle with figure. **(7)**
b) What is pollution? Explain Water Pollution in detail. **(7)**

Q-4 **Attempt all questions** **(14)**
a) Differentiate between Renewable and Non renewable source of energy. **(7)**
b) Write a short note on Primary Succession with figure. **(7)**

Q-5		**Attempt all questions**	**(14)**
	a)	Write a brief note on Ecological pyramids and its types with examples.	**(7)**
	b)	Explain nitrogen cycle with figure.	**(7)**
Q-6		**Attempt all questions**	**(14)**
	a)	What is Conservation of environment? Explain policies of conservation.	**(7)**
	b)	Write a short note on Biodiversity and its types.	**(7)**
Q-7		**Attempt all questions**	**(14)**
	a)	Give brief account on Hot spot zones.	**(7)**
	b)	Elucidate concept of Ecosystem in detail.	**(7)**
Q-8		**Attempt all questions**	**(14)**
	a)	Explain different types of interactions with examples.	**(7)**
	b)	Give brief account on problem associated with natural resources.	**(7)**