

Enrollment No: \_\_\_\_\_

Exam Seat No: \_\_\_\_\_

# C.U.SHAH UNIVERSITY

## Summer Examination-2016

**Subject Name :** Environmental Science

**Subject Code :** 4SC01ESE1/4SC01EVS1

**Branch:**B.Sc.(All)

**Semester : 1**

**Date :21/04/2016**

**Time : 10:30 To 01:30**

**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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<b>Q-1</b>	<b>Attempt the following questions:</b>	<b>(14)</b>
	a) Define Ecosystem.	1
	b) Define autecolgy.	1
	c) Define synecology.	1
	d) What are geochemical cycles?	1
	e) Define estuarine ecosystem	1
	f) What is hydrological cycle?	1
	g) Define renewable sources.	1
	h) Enlist types of resources.	1
	i) Define pollution.	1
	j) Write any four reasons of water pollution.	1
	k) Define noise pollution.	1
	l) What is main difference between wild life sanctuaries and national parks?	1
	m) Draw energy pyramid of a tree.	1
	n) Define decomposers.	1

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

<b>Q-2</b>	<b>Attempt all questions</b>	<b>(14)</b>
	Explain inter-relationships between components of Environment in detail.	<b>14</b>
<b>Q-3</b>	<b>Attempt all questions</b>	<b>(14)</b>
<b>A</b>	Write a note on impact of technology on environment	<b>7</b>
<b>B</b>	What is ecology? Explain objectives of ecology.	<b>7</b>
<b>Q-4</b>	<b>Attempt all questions</b>	<b>(14)</b>
<b>A</b>	Explain classification of ecosystem.	<b>7</b>
<b>B</b>	Explain aquatic ecosystem in detail.	<b>7</b>



<b>Q-5</b>	<b>Attempt all questions</b>	<b>(14)</b>
<b>A</b>	Explain hydrological cycle in detail with diagram	<b>7</b>
<b>B</b>	Explain carbon cycle in detail with diagram	<b>7</b>
<b>Q-6</b>	<b>Attempt all questions</b>	<b>(14)</b>
<b>A</b>	Explain food chain in detail with example.	<b>7</b>
<b>B</b>	What are resources? Explain sources of water in detail.	<b>7</b>
<b>Q-7</b>	<b>Attempt all questions</b>	<b>(14)</b>
<b>A</b>	Explain causes and effect of air pollution.	<b>7</b>
<b>B</b>	Differentiate conventional energy resources and non conventional energy resources.	<b>7</b>
<b>Q-8</b>	<b>Attempt all questions</b>	<b>(14)</b>
<b>A</b>	Explain causes and effect of water pollution.	<b>7</b>
<b>B</b>	Write a detail note on conservation of environment	<b>7</b>

