

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.

Q-1	Attempt the following questions:	(14)
	a) Define Ecosystem.	1
	b) Define autecology.	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

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



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

