

C.U.SHAH UNIVERSITY

Summer Examination-2017

Subject Name : Environmental Science

Subject Code : 4SC01ESE1

Branch: B.Sc.(All)

Semester : 1

Date : 22/03/2016

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

- a) Define noise pollution.
- b) What is bio diversity?
- c) Define Ecosystem.
- d) What is Atmosphere?
- e) Define Hydrological cycle
- f) Define Environment.
- g) Give examples of any two non-renewable resources.
- h) What is the effect of CO₂ on environment?
- i) Name any one green house gas.
- j) What is exosphere?
- k) Define Decomposers.
- l) Give examples of any two renewable resources.
- m) Define Synecology.
- n) Draw energy pyramid of a tree.

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

Q-2 **Attempt all questions** **(14)**

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| A | Explain causes and effect of water pollution. | 7 |
| B | Explain aquatic ecosystem in detail. | 7 |

Q-3 **Attempt all questions** **(14)**

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| A | Explain causes and effect of air pollution. | 7 |
| B | Write a note on impact of technology on environment | 7 |

Q-4 **Attempt all questions** **(14)**

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| A | Differentiate conventional energy resources and non conventional energy resources. | 7 |
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	B	Give explanation about green house effect & ozone depletion.	7
Q-5		Attempt all questions	(14)
	A	Explain hydrological cycle in detail with diagram	7
	B	Explain sulfur cycle.	7
Q-6		Attempt all questions	(14)
	A	Explain food chain in detail with example.	7
	B	Write a short note on air pollution.	7
Q-7		Attempt all questions	(14)
	A	Explain carbon cycle in detail with diagram	7
	B	Write a note on bio conservation.	7
Q-8		Attempt all questions	(14)
		Explain scope, Public awareness & environmental problems in detail.	14

