

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.
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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 CO₂. 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)



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| 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) |
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| 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) |
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| Q-7 | Attempt all questions | (14) |
| | a) Give brief account on Hot spot zones. | (7) |
| | b) Elucidate concept of Ecosystem in detail. | (7) |
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| 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) |

