

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 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)



- | | | |
|------------|--|-------------|
| 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) |

