

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

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

# C. U. SHAH UNIVERSITY

## Summer Examination -2020

**Subject Name: Environmental Science**

**Subject Code: 4SC01EVS1**

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

**Semester : 1**

**Date : 26/02/2020**

**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) What are three environmental issues? (1)
- b) What is Statistics? (1)
- c) What is the aim of Environmental Education? (1)
- d) Define: Hotspot. (1)
- e) Who wrote the first report on the 'State of India's Environment' in 1982? (1)
- f) Enlist the causes of Noise pollution. (1)
- g) What is nitrogen fixation? (1)
- h) Define: Thermal Pollution. (1)
- i) What is importance of ecology? (1)
- j) Why the carbon cycle is important? (1)
- k) Define: Food Web. (1)
- l) What is ecological succession? (1)
- m) Write shortly what is role of Medha Patkar in Environmental protection. (1)
- n) Define: Biomes. (1)

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

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

- a) Write down the Nitrogen Cycle briefly. (7)
- b) What is pollution? Enlist the type of pollution. Write down in detail: (7)  
Marine pollution.

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

- a) What is Abiotic factor? Explain Abiotic factors in detail. (7)
- b) Write a brief note on Food Chain. (7)

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

- a) What is non renewable energy? Write a detail note on non renewable (7)



- energy.
- b) Write down the in detail about concept of Ecological Pyramids with example. (7)
- Q-5 Attempt all questions (14)**
- a) Write a detail note on contribution of any 4 Indians regarding Environmental protection. (7)
- b) Write a detail note on scope and importance of Environmental science. (7)
- Q-6 Attempt all questions (14)**
- a) Explain the conservation of Environment. (14)
- Q-7 Attempt all questions (14)**
- a) Write down in detail: Soil Pollution. (7)
- b) Write down the Sulphur Cycle briefly. (7)
- Q-8 Attempt all questions (14)**
- a) Write a difference between Non renewable source & renewable source. (7)
- b) Write a detail note on the levels and types of biodiversity. . (7)

