

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

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

# C.U.SHAH UNIVERSITY

## Winter Examination-2018

Subject Name : Environmental Science

Subject Code : 4SC01EVS1

Branch: B.Sc. (All)

Semester : 1

Date : 28/11/2018

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 : Environmental science. (1)
- b) Give any two example of non renewable energy. (1)
- c) Term Ecology was proposed by \_\_\_\_\_ . (1)
- d) What is composition of gases in atmosphere. (1)
- e) What is Biodiversity Hotspot? (1)
- f) What is Noise Pollution? (1)
- g) Define : Ecology (1)
- h) Solar energy is a type of renewable energy. True/False. (1)
- i) Name different layers of atmosphere. (1)
- j) \_\_\_\_\_ % of Earth surface is covered by Water. (1)
- k) What is synecology? (1)
- l) Give any two causes of thermal pollution. (1)
- m) Define : Abiotic Component. (1)
- n) Algae is autotrophic in nature. True/False. (1)

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

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

- a) Write a note on classifications of Ecology. (7)
- b) Explain Conservation and sustainable development of Environment in detail. (7)

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

- a) Write a note on Nitrogen cycle with figure. (7)
- b) What is Biodiversity? Explain in detail. (7)

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

- a) Discuss major causes of deforestation. (4)



- b) Write a note on Zones of Soil Horizon. (7)  
c) Draw labeled figure of carbon cycle. (3)
- Q-5 Attempt all questions (14)**  
a) What is Succession? Explain Primary Succession in detail. (7)  
b) What is pollution? Explain Air and Water Pollution in detail. (7)
- Q-6 Attempt all questions (14)**  
a) Explain components of Ecosystem. (7)  
b) What are Ecological pyramids? Explain its types in detail. (7)
- Q-7 Attempt all questions (14)**  
a) Write a note on Zones of Earth. (6)  
b) Enlist reasons of soil pollution. (3)  
c) Differentiate between Renewable and Non Renewable energy resources. (5)
- Q-8 Attempt all questions (14)**  
a) Write a note on Food Chain and food Web. (7)  
b) Enlist reasons of Marine pollution. (3)  
c) Explain terms – Producer, Consumer, Symbiosis and Parasitism. (4)

