

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

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

# C.U.SHAH UNIVERSITY

## Summer Examination-2017

**Subject Name: Environment and Ecology I**

**Subject Code: 4PS02EAE1**

**Branch: B.Pharm**

**Semester: 2**

**Date: 16/05/2017**

**Time: 02:00 to 05:00**

**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 Define the following (14)
- |              |             |                 |                |
|--------------|-------------|-----------------|----------------|
| a. Producer  | b. Abiotic  | c. Biotic       | d. Terrestrial |
| e. Ecology   | f. Tropical | g. Decomposer   | h. Autotrophy  |
| i. Habitat   | j. Desert   | k. Heterotrophy | l. Consumer    |
| m. Estuarine | n. Benthic  |                 |                |

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

- Q-2 a. Define Biogeochemical cycle. Explain Hydrological cycle and Nitrogen cycle. (07)  
b. Write in details with example food web and food chain. (07)
- Q-3 a. What is population growth? Explain how to control population growth. (07)  
b. Classify water according to uses and explain about partial consumptive water. (07)
- Q-4 a. Write Causes, effects and control measures of Air pollution. (07)  
b. Write the effects and control measures of: acid rain and thermal pollution. (07)
- Q-5 a. What is the aim of conservation of wildlife and forests? Explain policies of conservation of wildlife and forests. (07)  
b. Define aquatic ecosystem. Give Significant details about marine ecosystem. (07)
- Q-6 a. Classify renewable and non renewable energy resources. Explain any one renewable energy resources. (07)  
b. Write the name of forest found in India. Explain about Grass land ecosystem and pond ecosystem. (07)
- Q-7 a. Give in details account on land degradation and its causes. (07)  
b. Write scope and importance of environmental studies. (07)
- Q-8 a. Explain Ecological succession. (07)  
b. Write the principle and scope of ecology. (07)

