

# C.U.SHAH UNIVERSITY

## Winter Examination-2015

Subject Name : Environment and Ecology I

Subject Code : 4PS02EAE1

Branch :B.pharm

Semester : 2 Date :24/11/2015

Time :10:30 To 1:30

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)**

**Define the following**

- |                     |                         |                    |                     |
|---------------------|-------------------------|--------------------|---------------------|
| a) Biomes           | b) Springs              | c) Tropical Forest | d) Ecosystem        |
| e) Industrial water | f) Fog                  | g) Herbivorous     | h) Navigation water |
| i) Food Chain       | j) Pollution            | k) Atmosphere      | l) Soil erosion     |
| m) Hazards          | n) Chloro Fluoro Carbon |                    |                     |

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

- Q-2** a. Classify Biogeochemical Cycle and explain nitrogen cycle (7)  
b. Explain in detail about Acid rain and its impact on earth (7)
- Q-3** a. Explain in detail Biosphere (7)  
b. What do you mean by food chain. Explain different types of food chain with example. (7)
- Q-4** a. Explain in detail Ecological succession (7)  
b. Give types and effects of common air pollutants in detail (7)
- Q-5** a. Why water is a unique natural resource. What are the consequences of over utilization and pollution of water. (7)  
b. Discuss about effects of noise pollution and its control. (7)
- Q-6** a. Explain policies of environmental conservation (7)  
b. Write a detail on Environmental impact of nuclear power plants. (7)
- Q-7** a. Explain the scope of Ecology. (7)  
b. Classify Renewable resources and explain in detail solar energy. (7)
- Q-8** a. How Ozone is getting depleted from the atmosphere? Explain with chemical reaction (7)  
b. Discuss the environmental implications of non-renewable energy sources (7)

