

**C.U.SHAH UNIVERSITY**

WADHWAN CITY

University (Winter) Examination -2013

Course Name :BLISc Sem-I

Subject Name: -Communication &amp; Technical Writing

Duration :- 2:30 Hours

Date : 09/12/2013

**Instructions:-**

- (1) Attempt all Questions of both sections in same answer book / Supplementary.  
 (2) Use of Programmable calculator & any other electronic instrument is prohibited.  
 (3) Instructions written on main answer Book are strictly to be obeyed.  
 (4) Draw neat diagrams & figures (If necessary) at right places.  
 (5) Assume suitable & Perfect data if needed.

**SECTION-I**

- Q.1 a. Explain the following term: i. Environment ii. Ecology. (2)  
 b. Write the name of four basic aspects of environmental studies. (2)  
 c. Write the name of four basic component of environment and basic gases composition of atmosphere. (3)
- Q.2 a. Write the inter relationship between different component of environment. (5)  
 b. Explain the factors responsible for environmental degradation. (5)  
 c. Write the main objectives of ecological studies. (4)

**OR**

- Q.2 a. Define biogeochemical cycle; explain sulfur cycle and Nitrogen cycle. (5)  
 b. Write the name of different kind of ecosystem and explain the grassland ecosystem. (5)  
 c. Explain the following Term: producer, consumer, decomposer, and detritus. (4)
- Q.3 a. Explain in brief about terrestrial and aquatic ecosystem. (7)  
 b. Explain in brief biotic and abiotic component of ecosystem. (7)

**OR**

- Q.3 a. Explain in brief food chain and food web with help cyclic representation. (7)  
 b. Explain energy flow in ecosystem with the help of different models energy flow. (7)

**Section –II**

- Q.4 a. Write Short notes on: (4)  
 (i) Acid Rain (ii) Global Warming (iii) Green house effect (iv) Depletion of ozone layer  
 b. Write the application of solar energy (2)  
 c. Write the names of disease caused by air pollution. (1)
- Q.5 a. Explain non renewable resources with example. (5)  
 b. Explain the use of partial consumptive water with example. (5)  
 c. What steps can be taken for resources Conservation (4)

**OR**

- Q.5 a. Explain renewable resources with example. (5)  
 b. Explain about the types of forests in India with example (5)  
 c. Explain the use of non consumptive water with example. (4)
- Q.6 a. Classify water pollutants and write the effect of pollutants (7)  
 b. Classify the air pollutants and write the source and effect of air pollutants (7)

**OR**

- Q.6 a. Give brief Explain about land degradation and its cause. (7)

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