

Enrollment No: _____

Exam Seat No: _____

C.U.SHAH UNIVERSITY

Summer Examination-2018

Subject Name: Environment and Ecology I

Subject Code: 4PS02EAE1

Branch: B.Pharm

Semester: 2

Date: 07/05/2018

Time: 10:30 To 01:30

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** **Define the following terms** **(14)**
- a) Environment
 - b) Ecosystem
 - c) Atmosphere
 - d) Acid Rain
 - e) Mesosphere
 - f) Lithosphere
 - g) Consumers
 - h) Decomposers
 - i) Global warming
 - j) Land degradation
 - k) Pollutant
 - l) BOD
 - m) Geospheres
 - n) Biotic

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

- Q-2** **Attempt all questions** **(14)**
- a. Write a note on renewable natural resources **(7)**
 - b. Write a note on non-renewable natural resources. **(7)**
- Q-3** **Attempt all questions** **(14)**
- a. Explain the importance of the carbon cycle and oxygen cycle. **(7)**
 - b. Write a note on IPAT equation **(7)**
- Q-4** **Attempt all questions** **(14)**
- a. Discuss the deforestation affected the ecosystem **(7)**
 - b. Write a note on “Green house effect” **(7)**
- Q-5** **Attempt all questions** **(14)**
- a. Write a note on ecological pyramid **(7)**
 - b. Explain the pollutants of fresh water **(7)**
- Q-6** **Attempt all questions** **(14)**
- a. Discuss Marine pollution and its effects **(7)**
 - b. Write a note on noise pollution **(7)**



- Q-7** **Attempt all questions** **(14)**
- a. Explain the components of environment. **(7)**
 - b. Explain interrelation between various complements of the environment. **(7)**
- Q-8** **Attempt all questions** **(14)**
- a. Write a note on Nuclear hazards **(7)**
 - b. Discuss global energy crisis **(7)**

