

C.U.SHAH UNIVERSITY

Wadhwan City

Subject Code : 4PS02EAE1

Summer Examination-2014

Date: 04/07/2014

Subject Name:- **Environment and Ecology-I**

Branch/Semester:- B.Pharm /II

Time:02:00 To 5:00

Examination: Regular

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 Attempt the following. (7)

1. Define Environment.
2. Define Ecology.
3. Define Ecosystem.
4. Define Environment Science.
5. Enumerate components of Environment.
6. Define Environment Pollution.
7. Discuss about Biogeochemical Cycle.

Q.2 (a) Explain Hydrological cycle. (5)

(b) Explain Atmosphere. (5)

(c) Compare Food Chain and Food Web. (4)

OR

Q.2 (a) Write Objective of Ecological study and scope of Ecology. (5)

(b) Write short note on environmental education. (5)

(c) Write short note on Ecological Balance. (4)

Q.3 (a) Explain Biotic Components of Ecosystem and their inter relationship. (7)

(b) Write a short note on Eutrophication. (7)

OR

Q.3 (a) Explain conservation. What is importance of conservation of natural resource? Explain measures to be taken to conserve it. (7)

(b) Explain reason for over population. (7)



SECTION-II

Q.4 Attempt the following. (7)

1. Define Acid Rain.
2. Explain term Biomass.
3. Explain term Ecological Succession.
4. Define Biosphere.
5. Define Resources.
6. Define Soil pollution.
7. Define Marine pollution.

Q.5 (a) Differentiate Renewable and Non-Renewable Resource. (5)

(b) Define and classify Resource. Explain Natural cycle of Renewable Resources. (5)

(c) Explain limitation of Non –Renewable Resources. (4)

OR

Q.5 (a) Explain Hydrosphere and Lithosphere. (5)

(b) Write short note on Importance of Forest in Human Life. (5)

(c) Describe Sources of Water Pollution. (4)

Q.6 (a) What is Air Pollution. Describe effect of Air Pollution on human and animals. (7)

(b) Write a note on effect of Noise Pollution on human health. Write steps to control Noise Pollution. (7)

OR

Q.6 (a) Explain Land pollution in detail. (7)

(b) Write a note on environmental impact of Coal Based Thermal Power Plant. (7)

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