

ALLAMA IQBAL OPEN UNIVERSITY, ISLAMABAD
(Department of Environmental Science)

WARNING

1. **PLAGIARISM OR HIRING OF GHOST WRITER(S) FOR SOLVING THE ASSIGNMENT(S) WILL DEBAR THE STUDENT FROM AWARD OF DEGREE/CERTIFICATE, IF FOUND AT ANY STAGE.**
2. **SUBMITTING ASSIGNMENTS BORROWED OR STOLEN FROM OTHER(S) AS ONE'S OWN WILL BE PENALIZED AS DEFINED IN "AIOU PLAGIARISM POLICY".**

Course: Introduction to Environment (1421)

Level: BA (General)

Semester: Spring, 2014

Total Marks: 100

Pass Marks: 40

ASSIGNMENT No. 1
(Units 1–4)

- Q.1 a) Define the following terms in your own words. (20)
- | | |
|-----------------------|-----------------------------|
| 1. Ecofeminism | 6. Food Chain |
| 2. Weathering | 7. Soil Organic Matter |
| 3. Green House Effect | 8. Fragmentation of Habitat |
| 4. Lithosphere | 9. Infiltration |
| 5. Topography | 10. Ozone |
- b) Write down eight water conservation practices that you can adopt at household level to avoid wastage of water. (08)
- Q.2 What is the scope of Environmental Science as a discipline? What are the major environmental concerns of Pakistan? (18)
- Q.3 In an ecosystem, organisms extensively interact with each other. Give a detailed account of positive interactions among the organisms. (18)
- Q.4 With the help of a suitable diagram explain the Structure of Atmosphere. (18)
- Q.5 Define soil erosion. What are the kinds of soil erosion? Describe the factors responsible for soil erosion. (18)

ASSIGNMENT No. 2

Total Marks: 100

Pass Marks: 40

- Q.1 a) Differentiate between the following terms: (20)
1. Soil Texture and soil Structure
 2. Weather and Climate
 3. Altitude and latitude
 4. Erosion and Weathering
 5. Biocentrism and Ecocentrism
- b) Write down five energy conservation practices that you can adopt at household level to void wastage. (05)
- c) Draw a well labeled diagram of Water cycle. (05)
- Q.2 What is the rock cycle? Explain the three types of rocks. (20)
- Q.3 What is global warming? What are the factors responsible for global warming? Discuss its impacts. (20)
- Q.4 How soil is formed? Explain the soil profile with a suitable diagram. (10)
- Q.5 What are the potential threats to biodiversity? Discuss. (20)