# 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 ASSIGNMENT(S) BORROWED OR STOLEN FROM OTHER(S) AS ONE’S OWN WILL BE PENALIZED AS DEFINED IN “AIOU PLAGIARISM POLICY”.**

**Course: Basics of Environmental Science (9389) Semester: Spring, 2025 Level: BS**

**Please read the following instructions for writing your assignments. (AD, BS, BEd, MA/MSc, MEd) (ODL Mode).**

1. All questions are compulsory and carry equal marks but within a question the marks are distributed according to its requirements.
2. Read the question carefully and then answer it according to the requirements of the questions.
3. Avoid irrelevant discussion/information and reproducing from books, study guide or allied material.
4. Handwritten scanned assignments are not acceptable.
5. Upload your typed (in Word or PDF format) assignments on or before the due date.
6. Your own analysis and synthesis will be appreciated.
7. Late assignments can’t be uploaded at LMS.
8. The students who attempt their assignments in Urdu/Arabic may upload a scanned copy of their handwritten assignments (in PDF format) on University LMS. The size of the file should not exceed 5MP.

**Total Marks: 100 Pass Marks: 50**

# ASSIGNMENT No. 1

**(Units 1-4)**

|  |  |  |
| --- | --- | --- |
| Q. 1 | How will you term Environmental Science as multidisciplinaryscience? |  (20) |
| Q. 2 | Explain the following.1. Environment
2. Hydrosphere
3. Climate
4. Biosphere
5. Weather
 |  (20) |
| Q. Q. 3 | What is climate change? How we can study climate changeusing different data and tools? |  (20) |

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| Q. 4 | Discuss different interactions among the living organisms. |  (20) |
| Q. 5 | What are Macro and Micro-nutrients? What are the macroand micronutrients important for human body (Reference: Practical Activity Unit 2) |  (20) |

**Total Marks: 100 Pass Marks: 50**

# ASSIGNMENT No. 2

**(Units 5-9)**

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| Q. 1 | Provide an overview of the different ecosystems of the ocean. | (20) |
| Q. 2 | What are different types of land ecosystem discuss Tiaga and Desert ecosystem in detail. | (20) |
| Q. 3 | Discuss different chemical associated issues of theenvironment. | (20) |
| Q. 4 | What is environmental physics? How is it associated withdifferent phenomena of the hydrosphere? | (20) |
| Q. 5 | What are different conservation strategies for environmentaldegradation? | (20) |