

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)
Level: BS

Semester: Autumn, 2025

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)

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| Q. 1 | Discuss different components of the environment? | (20) |
| Q. 2 | Draw and Explain hydrological cycle in detail. | (20) |
| Q. 3 | What are Macro Nutrients? Discuss different Primary and Secondary Macro nutrients. | (20) |
| Q. 4 | What is bioenergetics and why is it important? | (20) |
| Q. 5 | Discuss the term Climate Change and its Impacts. | (20) |

Total Marks: 100

Pass Marks: 50

ASSIGNMENT No. 2
(Units 5-9)

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| Q. 1 | Discuss Different Challenges to aquatic ecosystems. | (20) |
| Q. 2 | What are different biogeographic regions, what environmental challenges the are facing? | (20) |
| Q. 3 | What is green chemistry. Discuss its principle (Prepare a list of 10 green chemicals by searching, Reference UNIT 6) | (20) |
| Q. 4 | How environmental physics play its role in shaping the hydrosphere? | (20) |
| Q. 5 | What are different sustainable practices ? | (20) |