

**ASSIGNMENT BOOKLET**  
**Bachelor's Degree Programme (B.Sc.)**

**Application Oriented Course**  
**on**  
**Human Environment**

**Valid from 1<sup>st</sup> January 2026 to 31<sup>st</sup> December 2026**

**It is compulsory to submit the Assignment before filling in the  
Term-End Examination Form.**

**Please Note**

- You can take electives '56 to 64' credits from a minimum of TWO and a maximum of FOUR science disciplines, viz. Physics, Chemistry, Life Sciences and Mathematics.
- You can opt for elective courses worth a MINIMUM OF 8 CREDITS and a MAXIMUM OF 48 CREDITS from any of these four disciplines.
- At least 25% of the total credits that you register for in the elective courses from Life Sciences, Chemistry and Physics disciplines must be from the laboratory courses. For example, if you opt for a total of 64 credits of electives in these 3 disciplines, at least 16 credits 'out of those 64 credits' should be from lab courses.
- You cannot appear in the Term-End Examination of any course without registering for the course. Otherwise, your result will not be declared and the 'responsibility will be yours'.



**School of Sciences**  
**Indira Gandhi National Open University**  
**Maidan Garhi, New Delhi-110068**

**(2026)**

Dear Student,

As explained in the Programme Guide for BDP, you will have to do one assignment for the Application Oriented Course of Human Environment (AHE-01). The assignment is Tutor Marked Assignment (TMA) and is based on all the six blocks of the course.

We hope you are familiar with the system of evaluation to be followed for the Bachelor's Degree Programme. At this stage you may probably like to re-read the section on assignments in the Programme Guide for Application Oriented Courses that we sent you after your enrolment. A weightage of 30 per cent, as you are aware, has been earmarked for continuous evaluation which would consist of **one tutor-marked assignment** for this course.

### **Instructions for Doing Your Assignments**

Before attempting the assignment please read the following instructions carefully.

1. On top of the first page of your TMA answer sheet, please write the details exactly in the following format:

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ENROLMENT NO.: .....

NAME: .....

ADDRESS: .....

COURSE CODE: .....

COURSE TITLE: .....

ASSIGNMENT NO.: .....

STUDY CENTRE: .....

DATE: .....

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**PLEASE FOLLOW THE ABOVE INSTRUCTIONS STRICTLY TO FACILITATE EVALUATION AND TO AVOID DELAY.**

2. Use only foolscap size writing paper (but not of very thin variety) for writing your answers.
3. Leave 4 cm margin on the left, top and bottom of your answer sheet.
4. Your answers should be precise.
5. While solving problems, clearly indicate the question number along with the part being solved. Be precise. Recheck your work before submitting it.
6. **This assignment will remain valid from January 1, 2026 to December 31, 2026.** However, you are advised to submit it within **12 weeks** of receiving this booklet to accomplish its purpose as a teaching-tool. Answer sheets received after the due date shall not be accepted.
7. The assignments have to be submitted to the **Coordinator of your study centre. Answer sheets received after the due date shall not be accepted.**
8. **We strongly feel that you should retain a copy of your assignment response to avoid any unforeseen situation and append, if possible, a photocopy of this booklet with your response.**
9. **The instructions for doing the assignment are also provided in the Programme Guide under Section 4.1 "Assignment". Do read the instructions carefully before starting your work.**
10. **It is compulsory to submit the assignment before filling in the examination form.**

Wishing you all good luck!

## ASSIGNMENT (Tutor Marked Assignment)

**Course Code: AHE-01**  
**Assignment Code: AHE-01/TMA/2026**  
**Maximum Marks: 100**

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1. Explain how human activities like agriculture, energy production, mining and industries affect the environment and in turn human themselves. (10)
2. What do you mean by urbanization? How urbanization affects the environment. (10)
3. Discuss the following: (10)
  - (a) Effect of Pollution on non-biological systems.
  - (b) Fresh Water Pollution.
4. Differentiate between Natural environment and Man-made environment and state that in what way social environment is different as compared to natural and man-made environment. (6+4=10)
5. What is interspecific relationship? Explain the various kinds of interspecific relationship. (2+8=10)
6. Write short notes on the following: (20)
  - (a) Toxins and Environmental health.
  - (b) Cost of waste generation and disposal.
  - (c) Insufficient public Awareness and its reasons.
  - (d) Ganga Action Plan.
7. Discuss the effects of land degradation. (10)
8. Describe the role of Non-Government Organisation (NGOs) in environmental management. (10)
9. Explain the conventional and non-conventional sources of energy and state various means of conservation of energy. (10)