

ASSIGNMENT BOOKLET

**For All Bachelor's Degree Programme under CBCS
(BSCG/ BAG/BCOMG)**

AECC ON ENVIRONMENTAL STUDIES (BEVAE-181)

Valid from 1st January, 2024 to 31st December, 2024



**School of Sciences
Indira Gandhi National Open University
Maidan Garhi
New Delhi-110068
(2024)**

Dear Student,

Please read the section on assignments in the Programme Guide 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. The assignment is in this booklet, and it consists of two parts, Part A and B. The total marks of all the parts are 100, of which 35% are needed to pass it.

Instructions for Formatting Your Assignments

Before attempting the assignment please read the following instructions carefully:

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

ROLL NO.:

NAME:

ADDRESS:

.....

.....

COURSE CODE:

COURSE TITLE:

ASSIGNMENT NO.:

STUDY CENTRE: **DATE:**

PLEASE FOLLOW THE ABOVE FORMAT 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) Solve Part A and Part B of this assignment, and **submit the complete assignment answer sheets within the due date.**
- 6) The assignment answer sheets are to be submitted to your Study Centre within the due date. **Answer sheets received after the due date shall not be accepted.**

We strongly suggest that you retain a copy of your answer sheets.

- 7) This assignment is **valid from 1st January, 2024 to 31st December, 2024**. If you have failed in this assignment or fail to submit it by December, 2024, then you need to get the assignment for the year 2025, and submit it as per the instructions given in the Programme Guide.
- 8) **You cannot fill the examination form for this course** until you have submitted this assignment. For any kind of enquiry, you can contact: subhakanta@ignou.ac.in.

We wish you good luck.

Tutor Marked Assignment

AECC on Environment Studies

Course Code: BEVAE-181

Assignment Code: BEVAE-181/TMA/2024

Maximum Marks: 100

Note: Attempt all questions. The marks for each question are indicated against it.

PART-A

1. “Sustainable development is an ideal-a goal towards which all human societies need to be moving” Justify the statement with suitable arguments. 8
2. Marine ecosystem is the largest and most stable ecosystem on the earth and is of great ecological significance. Elucidate your answer with suitable examples. 8
3. “Poverty amidst plenty, nature is bountiful but tribals are poor” explain this statement with respect to forest resources. 7
4. “India’s energy needs can only lie in adopting non-conventional sources of energy”. Explain in detail. 7
5. Answer the following questions in about 150 words each. 4x5
 - a) Explain the significance of Kul and Bamboo drip irrigation practices.
 - b) “Soil which forms the uppermost layer of the land, is the most precious of all resources”. Explain this statement.
 - c) Explain an indirect use value of biodiversity.
 - d) “Species diversity is the most visible component of Biodiversity.” Explain
 - e) Differentiate between food chain and food web.

PART-B

6. Explain the need for people’s participation in environmental conservation with suitable case studies. 8
7. Explain the relevance of wetland with respect to nature reserves at the global level. 7
8. Explain the objectives of the Environment Protection Act of 1986 and its role in environmental conservation. 7
9. Answer the following questions in about 150 words each. 4x4
 - a) How does the environment influence human health? Explain it in detail with suitable examples.
 - b) Explain the problems associated with improper waste disposal and its impact on humans.
 - c) Acid rain is considered one of the major global issues. Explain acid rain and its effects.
 - d) Explain the different parameters that can assess water quality as a consumption.
10. Explain the following terms in about 60 words each: 3x4
 - a) Environmental Justice
 - b) Central Pollution Control Board (CPCB)
 - c) Smog
 - d) Green House Gases