

**CERTIFICATE IN
ENVIRONMENTAL STUDIES**

**CES
Assignment Booklet**

(January 2021 – January 2022)



**School of Social Sciences
Indira Gandhi National Open University
Maidan Garhi, New Delhi – 110 068**

**TS-5: ECOLOGY, ENVIRONMENT AND TOURISM TUTOR
MARKED ASSIGNMENT**

Course Code: TS-5

Programme:

BTS Total Marks: 100 Assignment Code: TS-5/TMA/2021 Note:

Attempt any five in about 600 words each. Each question carries 20 marks. Send your TMA to the Coordinator of your Study Centre.

1. Explain with examples the different components of the abiotic environment. How have they changed with time? 20
2. Describe the various types of Biomes of the world. 20
3. What are the basic characteristics of a community? Discuss how species interact within communities. 20
4. Describe, citing relevant examples, the impact of tourism development on the environment. 20
5. Write short notes on the following: 5x4=20 i) Ecosystem ii) Multiplier effect of tourism iii) Eco-Tourism iv) Chipko Movement
6. Explain the term carrying capacity. Discuss in detail the relevance of considering the physical carrying capacity while developing a tourist destination. 20
7. What are Wetlands? Explain its significance and suggest measures for its conservation. 20
8. Define the terms 'vegetation' and 'wildlife'. Discuss with the help of examples the impact of tourism on wildlife. 20
9. Discuss some of the major Acts passed by the Government of India for protecting the Environment. 20
10. Write short notes on any two of the following: 2X10 = 20 i) Conservation and its history in modern times ii) Need for Responsible tourism iii) Resource Partitioning

ASSIGNMENT (Tutor Marked Assignment)

Course Code: AHE-01 Assignment Code: AHE-01/TMA/ 2021 Maximum Marks: 100

1. Write short notes on the following:

- i) Competition
- ii) Niche
- iii) Predation
- iv) Freshwater ecosystem

(10)

2. How deforestation and desertification can disturb the stability of climate of an area?

(10)

3. Define carrying capacity. Explain different types of carrying capacity. How carrying capacity is different from biotic potential?

(10)

4. i) What is hazardous waste? Describe its characteristics and differentiate between toxic and hazardous wastes.

ii) Describe briefly the disposal of hazardous wastes in India.

(5)

(5)

5. Describe the epidemiological approach used to study health problems related to the environment.

(10)

6. Discuss three conceptual models highlighting the symptoms and causes in order to understand the environmental problems.

(10)

7. Discuss the problems in preparing a reliable database report on environment.

(10)

8. i) Explain means of recycling and reuse of solid wastes produced by cities and industries.

ii) Describe various means of conserving energy.

(5)

(5)

9. Explain economic implications of waste generation and waste disposal. (10)

10. "Social awareness is necessary for environmental management" Explain this statement giving examples from agriculture, industry and health.

(10)