

# **CERTIFICATE IN ENVIRONMENTAL STUDIES**

## **CES Assignment Booklet (July 2017 – January 2018)**



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

# CES ASSIGNMENT

Dear Student,

You will have to do one Tutor Marked Assignment (TMA) in each of the courses in CES. Before attempting the assignments please read the instructions provided in the Programme Guide for CES.

**The last date of assignment submission is mentioned in each assignment.**

All Assignments must be **submitted in time** and they should be **sent to the Coordinator of your Study Centre**. You must mention your Enrolment Number, Name, Address, Assignment Code and Study Centre Code on the first page of the assignment.

**You must obtain a receipt from the Study Centre for the assignments submitted and retain it.** Also, keep a photocopy of the assignments with you.

**Sh. Ajay Mahurkar**  
**Programme Coordinator**  
**CES**

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

**Course Code: TS-5**  
**Marks: 100**

**Submission Date: 15<sup>th</sup> October 2017/15<sup>th</sup> April 2018**  
**Assignment Code: CES/TS-5/2017-18**

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**Note: Attempt any Five Questions. All Questions carry equal marks. Send your TMA to the Coordinator of your Study Centre.**

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1. What pressures does tourism exert on environment? Enumerate the practices that can mitigate the negative pressure on environment. 20
  
2. Write short notes on the following : 4x5=20
  - a) Eco-Tourism
  - b) Environment and classical Arts
  - c) Environment in oral Traditions
  - d) Demonstration effect
  
3. “Tourism Development has been environmentally destructive in the present scenario”. Comment citing relevant examples. 20
  
4. What do you understand by Sustainable Tourism Development? Highlight the problems associated in practicing it and suggest the solutions to overcome the problems. 20
  
5. Explain the term carrying capacity. Discuss in detail the relevance of considering the physical carrying capacity while developing a tourist destination. 20
  
6. What do you understand by regional imbalances? What are the various policies and guidelines that a tourism professional can follow to minimize regional disparities? 20
  
7. Discuss in detail the various Special Interest Tourism (SITs) products which India can offer. 20
  
8. How does tourism development influence the Local Community? What are the various ways of reducing the marginalization of locals and ensuring the further growth of tourism? 20
  
9. Explain how tourism can act as a tool for the conservation of wild life? 20
  
10. Explain with the help of suitable examples how the unplanned development of hotels has led to the destruction of environment? 20

**AHE-1: HUMAN ENVIRONMENT  
TUTOR MARKED ASSIGNMENT**

**Course Code: AHE-1  
Marks: 100**

**Submission Date: 15<sup>th</sup> October 2017/15<sup>th</sup> April 2018  
Assignment Code: CES/AHE-1/2017-18**

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**Note: All Questions carry equal marks. Send your TMA to the Coordinator of your Study Centre.**

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1. Differentiate between the following pairs: 5x2=10
  - a) Toxic substance and hazardous substance
  - b) Desert and Grassland
  - c) Mutualism and Commensalism
  - d) Family and Kingship
  - e) Perihelion orbital and aphelion orbital of the sun.
  
2. Write short notes on the following: 4x5=20
  - a) Man made environment
  - b) Pyramid of energy
  - c) Causes of desertification due to human activities
  - d) Water as an important Non-Living resource
  - e) Environment (Protection) Act of India
  
3.
  - a) What is a population histogram? What type of information can be obtained from the population histograms? 5
  - b) Describe the effects of air pollution on non biological systems. 5
  
4.
  - a) Discuss the positive and negative aspects of high yielding plant varieties. 4
  - b) Explain with the help of suitable examples the reasons for the occurrence of higher rate of mental illness in the city dwellers who have migrated from rural areas. 3
  - c) Explain briefly the concept of new global economic system. 3
  
5.
  - a) Draw a well labelled diagram of the nitrogen cycle. 5
  - b) Describe the steps involved in the primary and secondary treatment of sewage water in order to make it suitable for drinking purpose. 5

- 6 a) Describe the measures that are used to rehabilitate degraded land. 4
- b) Differentiate between waste reuse and waste recycling. 3
- c) Write the name of the potential alternative products that can be produced from the following crop residues: 3
- (i) Cashew apple –
- (ii) Cotton leaves –
- (iii) Sorghum sticks, sugar cane trash –
7. a) Discuss the effects of radiation on human health. 4
- b) Write the three main criteria that are used as the index of the development of a country. 3
- c) Describe the role of Non-Governmental agencies in India, in the protection and management of the environment. 3
8. a) List the reasons for extinction of Wild Life and discuss any one reason. 5
- b) Describe the various modes of transmission of communicable diseases. 5
9. a) Describe the water quality standards as specified by Central Pollution Control Board (CPCB) of India in 1979. 5
- b) What are the three important ways in which voluntary agencies help the Government in environmental education? 3
- c) Describe the efforts by the Nepal Government in protecting its environment. 2