

# END TERM EXAMINATION

SECOND SEMESTER [BCA] JULY 2023

Paper Code: BCA-110

Subject: Environmental Studies

Time: 3 Hours

Maximum Marks: 75

Note: Attempt five questions in all including Q. No.1 which is compulsory. Select one question from each unit.

- Q1 Write short notes on the following (Any Five):- (5x5=25)
- (a) Importance of Environmental Studies.
  - (b) Components of environment.
  - (c) Sustainability.
  - (d) Ecosystem preservation and conservation strategies.
  - (e) Acid rain.
  - (f) Environmental Management System.

## UNIT-I

- Q2 (a) What are the components of environment? Explain by giving suitable illustrations/examples. (6.5)
- (b) Discuss the multidisciplinary nature of environmental studies. (6)
- Q3 (a) Discuss the different components of the atmosphere. (6.5)
- (b) Briefly discuss the following:- (6)
- (i) Climate Change
  - (ii) Earth Summit

## UNIT-II

- Q4 (a) What do you understand by 'eco system'? (6.5)
- (b) Elaborate upon the different ecosystem services. (6)
- Q5 (a) What are renewable and non-renewable energy sources. Explain giving suitable examples. (6.5)
- (b) Briefly discuss the following:- (6)
- (i) Food Chain
  - (ii) Ecological succession

## UNIT-III

- Q6 (a) Explain the term 'Biodiversity'. (6)
- (b) Elaborate upon the endemic and endangered species of India by giving suitable examples. (6.5)
- Q7 Discuss the following:- (6.5)
- (a) Value of biodiversity (6.5)
  - (b) Biodiversity conservation strategies (6)

## UNIT-IV

- Q8 (a) Discuss the different types of environmental pollution by citing its mitigation strategies. (8.5)
- (b) What are the harmful effects on human health associated with nuclear emissions. (4)
- Q9 (a) Discuss the control measures for various types of wastes. (6.5)
- (b) Write a note on the following:- (6)
- (i) Air quality index
  - (ii) Waste segregation

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