

2024

(CBCS)

(6th Semester)

ECONOMICS

NINTH PAPER

(**Environmental Economics**)

Full Marks : 75

Time : 3 hours

The figures in the margin indicate full marks for the questions

(**SECTION : A—OBJECTIVE**)

(Marks : 10)

Tick (✓) the correct answer in the brackets provided :

1×10=10

1. There is rivalry and exclusiveness in the use of

- (a) public good ()
- (b) private good ()
- (c) public bad ()
- (d) None of the above ()

2. One of the main causes of market failure is

- (a) pollution ()
- (b) externality ()
- (c) ecological imbalance ()
- (d) market mismanagement ()

3. Which of the following stages of the demographic transition is characterized by low birthrate and death rate and slow population growth?
- (a) Stage I ()
 - (b) Stage II ()
 - (c) Stage III ()
 - (d) Stage IV ()
4. The environmental Kuznets curve takes the shape of
- (a) a downward sloping straight line ()
 - (b) U-shaped ()
 - (c) an inverted U-shaped ()
 - (d) upward sloping curve ()
5. Which of the following is often referred to as the 'hedonic price' method for valuing environmental assets?
- (a) Using travel costs to estimate the value of an environment asset ()
 - (b) Using willingness to pay to value an environment asset ()
 - (c) Using linkages between variation in house prices and geographic proximity of an environmental asset ()
 - (d) Using 'option value' to estimate the value of an environment asset ()
6. What are the millennium development goals?
- (a) Set, time-limited development targets ()
 - (b) Quantifiable targets across eight areas of the development ()
 - (c) Aimed at eradication of extreme poverty and hunger by 2015 ()
 - (d) Responsible for consumption and production ()
7. Acid rain is mainly caused by
- (a) N_2 ()
 - (b) SO_2 ()
 - (c) H_2O ()
 - (d) CO_2 ()

8. Deforestation causes

- (a) pollution ()
- (b) soil erosion ()
- (c) drought ()
- (d) respiratory problem ()

9. What is the main objective of polluter pays principle?

- (a) To create awareness globally about deforestation ()
- (b) To make the party responsible for producing pollution and pay for the damage ()
- (c) To establish international law to check water system ()
- (d) All of the above ()

10. World Environment Day is observed on

- (a) 15th May ()
- (b) 5th June ()
- (c) 10th July ()
- (d) 15th August ()

(SECTION : B—SHORT ANSWERS)

(Marks : 15)

Write short notes on the following :

3×5=15

UNIT—I

1. Tragedy of Commons

OR

2. Common Property Resources

UNIT—II

3. Impact of Poverty on Environment

OR

4. Causes of Environmental Degradation

UNIT—III

5. The United Nations Millennium Development Goals (MDGs)

OR

6. Environment Impact Assessment (EIA)

UNIT—IV

7. Functions of the State Pollution Control Board

OR

8. Air Pollution

UNIT—V

9. Implications of Climate Change

OR

10. Rio Declaration

(SECTION : C—DESCRIPTIVE)

(Marks : 50)

Answer the following questions :

10×5=50

UNIT—I

1. Give a brief account of the linkages between environment and economy. 10

OR

2. Define market failure. What are the various causes of market failure in environmental goods? 2+8=10

UNIT—II

3. Discuss the theory of demographic transition. 10

OR

4. Explain the relationship between environment and development.

UNIT—III

5. Discuss the direct and indirect methods of valuing environmental damage and benefits. 5+5=10

OR

6. Define sustainable development. Discuss the various indicators of sustainable development. 3+7=10

UNIT—IV

7. Explain the causes, effects and controlling measures of soil degradation. 10

OR

8. Enumerate the various functions of the Central Pollution Control Board.

UNIT—V

9. Briefly explain the Kyoto Protocol. 10

OR

10. What is polluter pays principle? Explain the difficulties of implementing the polluter pays principle. 3+7=10
