

2 0 2 2

(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. Economic development refers to

- (a) economic growth ()
- (b) sustainable increase in GNP ()
- (c) improvement in the well-being of the urban population ()
- (d) upliftment of the poor people ()

3. Which of the following is a harmful effect of noise pollution?

- (a) Hypertension ()
- (b) Hearing loss ()
- (c) Psychological stress ()
- (d) Anxiety ()

4. In 1992, the UN Earth Summit was held in

- (a) Geneva ()
- (b) Rio de Janeiro ()
- (c) Stockholm ()
- (d) Paris ()

5. Environmental economics attempts to study the interrelationship between

- (a) economic problems and environment ()
- (b) environment and ecology ()
- (c) economic agents and environment ()
- (d) public finance and ecology ()

6. The first stage of demographic transition theory is characterized by

- (a) high birthrate and low death rate ()
- (b) high birthrate and high death rate ()
- (c) low birthrate and high death rate ()
- (d) low birthrate and low death rate ()

- 7.** Which of the following is often referred to as the hedonic price method for valuing environmental assets?
- (a) Using willingness to pay to value an environmental asset ()
 - (b) Using option value to estimate the value of an environmental asset ()
 - (c) Using linkages between variation in house prices and geographical proximity to an environmental asset ()
 - (d) None of the above ()
- 8.** Who constructed a composite physical quality of life index in 1979?
- (a) J. K. Mehta ()
 - (b) Adam Smith ()
 - (c) Morris David ()
 - (d) Amartya Sen ()
- 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.** Which international agreement/treaty is related to reduction in emission of greenhouse gas?
- (a) Kyoto Protocol ()
 - (b) Bonn Agreement ()
 - (c) Comprehensive Test Ban Treaty (CTBT) ()
 - (d) Rio Convention ()

(SECTION : B—SHORT NOTE)

(Marks : 15)

Write short notes on the following :

3×5=15

UNIT—I

1. Economic efficiency

OR

2. Positive and negative externalities

UNIT—II

3. Effects of environment degradation

OR

4. Environmental Kuznets Curve

UNIT—III

5. Economics of sustainable development

OR

6. UN Millennium Development Goals

UNIT—IV

7. Noise pollution

OR

8. Water pollution

UNIT—V

9. Rio Declaration

OR

10. Polluter Pays Principle (PPP)

(SECTION : C—DESCRIPTIVE)

(Marks : 50)

Answer the following questions :

10×5=50

UNIT—I

1. What are the reasons for market failure? Suggest measures to solve the problems of market failure. 5+5=10

OR

2. Discuss the linkages between economic development and environment. 10

UNIT—II

3. Describe the theory of demographic transition. 10

OR

4. Discuss the interrelationship between poverty and environment. 10

UNIT—III

5. Discuss the various methods used for environmental valuation. 10

OR

6. What is Environmental Impact Assessment? State and explain the different stages of an environmental impact assessment. 3+7=10

UNIT—IV

7. Examine the Forest Conservation Act, 1980. 10

OR

8. State the various measures to prevent and control pollution in India. 10

UNIT—V

9. Discuss Kyoto Protocol on climate change. 10

OR

10. Discuss international policy instruments to tackle global environmental externalities. 10
