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(NEP-2020)

(3rd Semester)

ECONOMICS (MAJOR)

(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. Environmental economics attempts to study the interrelationship between

- (a) environment and resource allocation ()
- (b) economic problems and environment ()
- (c) environment and ecology ()
- (d) economic agents and environment ()

2. The Tragedy of the Commons is a theory put forth by

- (a) Garrett Hardin ()
- (b) Adam Smith ()
- (c) W. C. Clark ()
- (d) Samuelson ()

3. There is rivalry and exclusiveness in the use of

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

4. The World Environment Day is observed on
- (a) 15th May ()
 - (b) 1st June ()
 - (c) 4th June ()
 - (d) 5th June ()
5. Which of the following is not among the sustainable development goals?
- (a) Zero hunger ()
 - (b) Affordable and clean energy ()
 - (c) People under oppression ()
 - (d) Life below water ()
6. Which of the following is a harmful effect of noise pollution?
- (a) Permanent hearing loss ()
 - (b) Acid rain ()
 - (c) Diarrhoea ()
 - (d) None of the above ()
7. The Central Pollution Control Board was constituted in
- (a) September, 1974 ()
 - (b) February, 1975 ()
 - (c) August, 1986 ()
 - (d) June, 1974 ()
8. The first of the Major Environment Protection Act to be promulgated in India was
- (a) the Water Act ()
 - (b) the Air Act ()
 - (c) the Environment Act ()
 - (d) the Noise Pollution Rule ()
9. In 1992, the UN Earth Summit was held in
- (a) Geneva ()
 - (b) Rio de Janeiro ()
 - (c) Stockholm ()
 - (d) Russia ()

10. The main objective of polluter pays principle is

- (a) to reduce emission of greenhouse gas ()
- (b) to create awareness globally about deforestation ()
- (c) to make the party responsible for producing pollution and pay for the damage ()
- (d) to establish international law on environment ()

(SECTION : B—SHORT ANSWERS)

(Marks : 15)

Write short notes on *five*, taking at least *one* from each Unit :

3×5=15

UNIT—I

- 1. Public Goods
- 2. Sustainable Development

UNIT—II

- 3. The UN Millennium Development Goals
- 4. Environmental Impact Assessment

UNIT—III

- 5. Air Pollution
- 6. State Pollution Control Board

UNIT—IV

- 7. Greenhouse Effect
- 8. Green Audit

(SECTION : C—DESCRIPTIVE)

(Marks : 50)

Answer *five* questions, taking at least *one* from each Unit :

10×5=50

UNIT—I

1. Discuss the linkages between economic development and environment. 10
2. What are the reasons for market failure? Suggest the measures to solve the problem of market failure. 3+7=10

UNIT—II

3. Explain the relationship between economic development and environment with the help of Kuznets curve. 10
4. Discuss the interrelationship between poverty and environment. 10

UNIT—III

5. What is soil degradation? Discuss the causes and effects of soil degradation. 2+8=10
6. Examine the Water (Prevention and Control of Pollution) Act, 1974. 10

UNIT—IV

7. Define ozone layer depletion. Briefly describe the international attempts to protect the environment. 2+8=10
8. Discuss the Kyoto Protocol on climate change. 10

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(SECTION : C—DESCRIPTIVE)

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