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6 SEM TDC DSE ECO (CBCS)2 (H)

2023

(May/June)

ECONOMICS

(Discipline Specific Elective)

(For Honours)

Paper :DSE-2

(Environmental Economics)

Full Marks:80

Pass Marks:32

Time:3 hours

*The figures in the margin indicate full marks
for the questions*

1.Choose the correct answer/Answer the following: $1 \times 8 = 8$

(a)Which of the following is not an example of common property resource?

(i)Village pastures

(ii)Community forests

(iii)Wasteland

(w)Fruit orchards

(2)

- (b) Which of the following creates a negative production externality?
- (i) Noisy parties
 - (ii) Fertilizer runoff from farms that pollutes a nearby river
 - (iii) Smoking
 - (iv) All of the above
- (c) The tragedy...of the commons is the absence of incentives to
- (i) discover new common resources
 - (ii) prevent overuse of common resources
 - (iii) prevent underuse of common resources
 - (iv) reduce marginal cost of common resources
- (d) What is the full form of IPCC?
- (e) Sustainable development can be thought of in three spheres, i.e.,
- (i) environment, economy and society
 - (ii) environment, economy and equity
 - (iii) environment, ecology and society
 - (iv) environment, economy and ecology

(3)

According to the Sustainable Development Goal 13, the biggest threat towards development is

- (i) climate change
 - (ii) pollution
 - (iii) melting polar ice caps
 - (iv) ozone layer depletion
- (g) Which of the following pairs of gases is mainly responsible for greenhouse effect?
- (i) Ozone and carbon monoxide
 - (ii) Nitrogen and sulphur dioxide
 - (iii) Carbon dioxide and methane
 - (iv) Oxygen and nitrogen
- (h) Draw the environmental Kuznets curve.

2. Write short notes on any four of the following:

4 × 4 = 16

- (a) Difference between public and private goods
- (b) Subject-matter of Environmental Economics
- (c) Pearce-Atkinson indicator
- (d) Ozone layer depletion
- (e) Definition and types of nonmarket values

(. 4)

3. (a) Explain the interlinkages between Ecology-Environment and Economy.. 12

Or

- (b) Define common property resources. What are its important features? Explain with an example, the concept of 'Tragedy of the Commons' which is related to common property resources.

2+4+6=12

- 4.(a) What do you mean by market failure? Explain the various causes of market failure. 2+9=11

Or

- (b) "Proper assignment of property rights to any good will allow bargaining between the affected parties such that an efficient solution can be obtained." Explain the statement with suitable example. 11

- 5.(a) Pigouvian taxes and tradable permits encourage the polluters to emit efficiently. Is it true? If true, then justify your answer. . 11

Or

- (b) Explain the concept of sustainable development. How do we measure sustainability? 5+6=11

(5)

6. (a) Explain the various international agreements and conferences related to the global concern for environmental protection and sustainable development. 11

Or

- (b) Explain briefly pollution haven hypothesis. How is it related to international trade and environment?

6+5=11

- 7.(a) Explain the various methods of valuation of environmental goods. 11

Or

- (b) You are given an assignment to value Kaziranga National Park. Which method of valuation would you like to choose and why? What are its limitations?

6+5=11

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