

D 52035

(Pages : 3)

Name.....

Reg. No.....

**THIRD SEMESTER P.G. DEGREE EXAMINATION
NOVEMBER 2023**

(CCSS)

Economics

ECO 3E 03—ENVIRONMENTAL ECONOMICS

(2022 Admission onwards)

Time : Three Hours

Maximum : 50 Marks

Part A (Multiple Choice Questions)*Answer all questions.**Each question carries 1 mark.*

1. One of the theoretical ideas of natural resource economics is that the earth's is a natural resource under threat of depletion :
 - A) Sun.
 - B) Population.
 - C) Sustainability.
 - D) Assimilative capacity.
2. Which one of the following policies would not promote sustainable development ?
 - A) Green taxes.
 - B) Application of industrial ecology.
 - C) Increasing agricultural subsidies.
 - D) Increased efficiency in transportation.
3. The phrase 'tragedy of commons' is in the context of :
 - A) Tragic event related to damage caused by release of poisonous gases.
 - B) Tragic condition of poor people.
 - C) Degradation of renewable free access resources.
 - D) Climate change.
4. The death of the last individual of a species is called _____.
 - A) Extinction.
 - B) Endanger.
 - C) Neither A) nor B).
 - D) Diversity.

Turn over

5. Ozone depletion refers to the phenomenon of reductions in the amount of ozone in the :

- A) Exosphere.
- B) Stratosphere.
- C) Troposphere.
- D) Mesosphere.

(5 × 1 = 5 marks)

Part B (Very Short Answer Questions)

*Answer in one **or** two sentences each.*

*Answer any **five** questions.*

Each question carries 1 mark.

- 6. Define sustainable development
- 7. What is green national accounting ?
- 8. What is Safe minimum standard approach ?
- 9. What is watershed management ?
- 10. Define Ecological economics.
- 11. What is genetic diversity ?
- 12. What is ecosystem services ?
- 13. Define Externality.

(5 × 1 = 5 marks)

Part C (Short Answer Questions)

*Answer any **six** questions.*

Each question carries 4 marks.

- 14. Explain public goods and its features.
- 15. Examine the hedonic price method.
- 16. Explain the averting expenditure method.
- 17. Discuss the ecological approach to sustainable development.
- 18. Examine the capital approach to sustainable development.
- 19. How poverty and environment are interlinked.
- 20. Does trade harm the environment ?

21. What is environmental regulations ? Examine vital environmental regulations in India.
22. Discuss how population and environmental quality are interlinked.

(6 × 4 = 24 marks)

Part D (Essay Type Questions)

*Answer any **two** questions.
Each question carries 8 marks.*

23. Examine how economy and environment are interlinked with the help of material balance model.
24. Explain the important aspects of values of biodiversity. Examine the important causes of loss of biodiversity.
25. Explain the important sustainable development practices in India.
26. Explain the important criteria for evaluating environmental policies. Examine its significance.

(2 × 8 = 16 marks)