C 63293

(Pages 3)

SECOND SEMESTER M.A. DEGREE EXAMINATION, JUNE 2014

(CUCSS)

Applied Economics

ENVIRONMENTAL ECONOMICS

Time : Three Hours

Maximum : **36** Weightage

Part A

*Answer **all** questions.*
Each bunch of four questions carries a weightage of 1.

1. The convension of biological diversity held in the year :

    (a) **1987.**   (b) **1°72.**

    (c) **1992.**   (d) **1993.**

2. The nature of the relation between the quality of the environment and economic growth could be explained with the help of :

    (a) Pareto **welfare functions.**   (b) **Production possibility curve.**

    (c) **Environmental protection curve.** (d) **None of these.**

3. Forest is a

    (a) **Public good.**   (b) **Private good.**

    (c) **Common good.**   (d) **Both Public and Private good.**

4. The process of returning some of the production or consumption residuals to be used again is called :

    (a) **Recycling.**   (b) **Emission.**

    (c) **Effluent.**   (d) None of these.

Multiple Choices :

5. The correct definition of ecosystem is :

    (a) **A community of organisms interacting with one another.**

    (b) **The** abiotic **component of a habitat.**

    (c) **The part of the earth and its atmosphere inhabits living organisms.**

    (d) **The community of organisms together with the environment in which they live.**

Turn over

6. Who applied the laws of thermodynamics to ecology ?

    (a) James Love Lock.   (b) Alfred James Lotka.

    (c) **DH** Dales.   (d) None of these.

7. Most natural resources and environmental amenities are :

    (a) Public goods.   (b) Private goods.

    (c) Merit goods.   (d) Free goods.

8. Forests in India meet approximately   of the energy needs.

    (a) 25.   (b) 40.

    (c) 60.   (d) **10.**

Fill in the blanks :

9. The level underground water is called

10. The prime source of water on earth is

11. The most popular methods of resources conservation practiced in Industrial unit is ————

12. The basic rule for optimality using a non-renewable resource

True *or* False :

13. Green accounting is related to biodiversity only.

14. Environmental economics is an integration of micro economics and welfare.

15. Brundtland Commission report popularized the concept of ecology.

16. Acid rain is caused by Sulpher dioxide.

        (16 x   = 4 weightage)

Part B (Short Answer Questions)

Answer any **ten** *not exceeding* **one** *page each.*
Each question carries a weightage of 2.

17. Explain why environmental degradation is best viewed as an economic problem.

18. Explain the indicators of sustainable development.

19. Explain the characteristics of public goods.

20. Write a note on common property resources.

21. Explain the consequences of over exploitation of nature.

22. Discuss the role of externality in the context of environmental management.

23. Discuss the relevance of Kuznets environmental curve.

24. Examine the interlinkage in environment management.

25. Explain the laws of thermodynamics.

26. Explain the consequences of global warming.

27. Explain social cost and social benefits with proper examples.

28. What is environmental ethics ? Explain its importance.

(10 x 2 = 20 weightage)

Part C (Essay Questions)

Answer any **three** *not exceeding* **three** *pages each.*
Each question carries a weightage of 4.

29. What is biodiversity ? Examine the main causes for the decline of biodiversity.

30. Explain the methodology of social cost benefit analysis.

31. Critically examine various tools available for environmental impact assessment.

32. Discuss the dynamic interlinkage between economy and environment.

33. How do Pigovian taxes and subsidies work to control pollution ?

(3 x 4 = 12 weightage)