

FOURTH SEMESTER M.A. DEGREE EXAMINATION, MARCH 2020

(CUCSS)

Economics

ECO 4C 19—ENVIRONMENTAL ECONOMICS

Time : Three Hours

Maximum : 36 Weightage

Part A

*Answer all questions.**Each question carries a weightage of ¼.*

1. Global environmental facility was established in _____.
(a) 1991. (b) 1999.
(c) 1981. (d) 1988.
2. In India the environment department was started in _____.
(a) 1951. (b) 1961.
(c) 1971. (d) 1981.
3. Market failure is caused by _____.
(a) Openness. (b) Externalities.
(c) Rivalry. (d) Exclusion.
4. Ecological foot prints are related to _____.
(a) Solow. (b) Pearce.
(c) Rees. (d) Cobb.
5. Natural capital includes _____ resources.
(a) Capital. (b) Consumer.
(c) Renewable and non renewable. (d) Man made.
6. Public bad are _____.
(a) Elasticity. (b) Substitution.
(c) Resources. (d) Externalities.

7. Environment good is _____.
- (a) House. (b) Car.
(c) Air. (d) Wheat.
8. _____ is widely used in outdoor recreation modelling.
- (a) TGF. (b) TCM.
(c) CVM. (d) SMA.
9. Cost-benefit analysis is usually a tool of the _____.
- (a) Individual. (b) Firm.
(c) Government. (d) Market.
10. "our common future" is related to _____.
- (a) Growth. (b) Development.
(c) Growth vs development. (d) Sustainable development.
11. $C = TC_v + TC_r$ is _____.
- (a) Recycling. (b) Optimum recycling.
(c) Reusing. (d) Optimum reusing.
12. Pure public good is _____.
- (i) Non rivalry in use.
(ii) Non exclusive in property rights.
- (a) (i) is correct. (b) (ii) is correct.
(c) Both (i) and (ii). (d) (i) and (ii) is not correct.

(12 × ¼ = 3 weightage)

Part B (Very Short Answer Type Questions)

Answer any five questions.

Each question carries a weightage of 1.

13. Explain ozone layer ?
14. What are externalities ?
15. Explain bio-diversity ?
16. What is a Hedonic market method ?

17. Explain the ecological benefits of pollution control ?
18. Define environmental management ?
19. Explain sustainability and growth ?
20. What are the applications of valuation techniques ?

(5 × 1 = 5 weightage)

Part C (Short Answer Type Questions)

Answer any eight questions.

Each question carries a weightage of 2.

21. Explain social choice and individual values ?
22. Explain Pigouvian analysis of externalities ?
23. Explain ecological footprint measure of sustainable development ?
24. Explain the need for food security in the context of sustainable agriculture ?
25. What are the difficulties in measuring environmental values ?
26. Explain the causes of ozone layer depletion ?
27. What are the important non-renewable energy resources ?
28. Explain the need for benefit cost analysis of environmental standards ?
29. Explain the health benefits of pollution control ?
30. What are the policy measures to control environmental pollution ?
31. Write a note on environmental hazards ?

(8 × 2 = 16 weightage)

Part D (Essay Type Questions)

Answer any three questions.

Each question carries a weightage of 4.

32. What is sustainable development ? Explain the rules, equipments and indicators of sustainable development ?
33. Explain the different categories of non-market benefits ?
34. Explain the linkage between economy and environment ?
35. Explain climate change and its impact on agriculture ?
36. Explain the environmental policy on the pattern of international trade of a country ?

(3 × 4 = 12 weightage)