



K23P 1313

Reg. No. :

Name :

III Semester M.A. Degree (CBSS – Reg./Supple./Imp.)
Examination, October 2023
(2020 Admission Onwards)
Economics/Applied Economics/Dev. Economics
ECO3C12 : ENVIRONMENTAL ECONOMICS

Time : 3 Hours

Max. Marks : 60

PART – A

Answer **all** questions. **Each** question carries ½ mark.

1. Cultivation of legumes replenish the soil with
 - a) Ammonium
 - b) Nitrate
 - c) Both
 - d) Neither
2. The National Institute of Disaster Management (NIDM) was established on
 - a) September 23, 2002
 - b) August 14, 2001
 - c) October 16, 2003
 - d) August 14, 2004
3. Which Sustainable Development Goals (SDGs) deals with climate action ?
 - a) Goal 12
 - b) Goal 13
 - c) Goal 14
 - d) Goal 15
4. The safe minimum standard of conservation is a concept introduced by
 - a) Ciriacy-Wantrup
 - b) Garrelt Hardin
 - c) Daly
 - d) None of the above
5. The Montreal Protocol, finalized in _____, is a global agreement to protect the stratospheric ozone layer by phasing out the production and consumption of ozone-depleting substances.
 - a) 1980
 - b) 1987
 - c) 1990
 - d) 1997

P.T.O.



6. The tragedy of commons is a theory which was put forward by
 - a) Adam Smith
 - b) Paul Samuelson
 - c) Garrelt Hardin
 - d) J. M. Clark

7. Which of the following statements is true about global warming ?
 - a) Global warming has led to large scale deforestation
 - b) Global warming has led to a rise in the sea levels
 - c) Global warming has led to a rapid increase in the population across several countries
 - d) Global warming has led to a huge amount of waste generation

8. Energy can neither be created nor be destroyed it can only be transformed from one form to another is the _____ of thermodynamics.
 - a) First Law
 - b) Second Law
 - c) Third Law
 - d) All the above (8×½=4)

PART – B

Answer **any eight** questions. **Each** question carries **2** marks.

9. Distinguish between renewable and non-renewable resources.
10. Write a note on Common Property Resources.
11. How environment and human health are related ?
12. Explain various controlling measures to regulate pollution.
13. What are the key aspects of sustainable development ?
14. Explain safe minimum standard model associated with environmental sustainability.
15. Write a brief note on water conservation.
16. Explain the main aim or objective of disaster management.
17. Write a note on environmental planning.
18. What do you mean by tradable pollution permits ?
19. Distinguish between floods and droughts. (8×2=16)

PART – C

Answer **any 4** questions. **Each** question carries **5** marks.

20. Write a short essay on various economic incentives for environmental protection.
21. Briefly explain Environmental Impact Assessment (EIA).
22. Briefly explain the major values of biodiversity.
23. Explain the role of individuals in the conservation of natural resources.
24. Define watershed management and point out its advantages.
25. Empirically explain the distributional effects of a carbon tax. (4×5=20)

PART – D

Answer **any two** questions. **Each** answer should **not** exceed **six** pages.

26. Write an essay on various environmental disasters.
27. Give a detailed explanation on different threats to biodiversity.
28. Explain the inter linkages between economy and environment.
29. Write an essay on material balance model of environment. (2×10=20)