

No. of Printed Pages : 3

MSD-014

**POST GRADUATE DIPLOMA/
M.A. IN SUSTAINABILITY SCIENCE
(PGDSS/MASS)**

Term-End Examination

June, 2026

MSD-014 : ECOLOGICAL ECONOMICS

Time : 3 Hours

Maximum Marks : 100

Note : (i) Attempt any **ten** questions.

(ii) All questions carry equal marks.

-
1. Explain the influence of laws of thermodynamics on the emergence of ecological economics. 10
 2. Illustrate the concept of finite global ecosystem relative to the economic subsystem. 10

3. Analyse the Environmental Kuznets Hypothesis. 10
4. Explain the concept of bio-economic model. 10
5. Discuss the concept of natural capital and man-made capital. 10
6. Underline the basic principles of neoclassical economics with respect to market behaviour. 10
7. Write short notes on the following : 5+5
 - (a) Carrying capacity
 - (b) India's GHG Emission Profile
8. What is Fragile Ecosystem ? Explain its characteristics. 4+6
9. Underline the significance of common pool resources in rural economics of India. 10
10. Write an essay on the perspectives on Gender in Ecology. 10
11. Discuss the advantages and limitations of Damage Cost Avoided, Replacement and Substitute cost method. 10

[3]

12. State the need for policy instruments to reduce pollution. 10
13. Write a note on International Emission Reduction and Emission Trading. 10
14. Write short notes on the following : 5+5
- (a) Pollution Expenditure Accounting
 - (b) Green Accounting in India

× × × × ×