

**POST GRADUATE DIPLOMA IN
SUSTAINABILITY SCIENCE (PGDSS)**

Term-End Examination

December, 2024

MSD-014 : ECOLOGICAL ECONOMICS

Time : 3 Hours

Maximum Marks : 100

Note : Attempt any **ten** questions. All questions carry equal marks.

1. Explain the advantages and limitations of Green Accounting. 10
2. Explain the mechanism under the Kyoto Protocol. 10
3. Explain the command and control approach of controlling environmental pollution. 10
4. Briefly state the various methods in Revealed Preference Approaches in Valuation of Ecosystem Services. 10
5. Discuss the role of women in Natural Resource Management in India. 10
6. Define CPRs. Explain the significance of CPR in rural areas. 4+6

7. Explain any *two* rural environmental pollution problems in India and its impact on human health. 10
8. What are the relative importance of natural causes and man-made disturbances in the Indian Himalayan region ? Explain the major focus areas for restoration in this region. 5+5
9. Define Ecological Footprint. Discuss the trends in Global Ecological Footprint. 4+6
10. Briefly elaborate the 'Pollution Haven Hypothesis' and 'Factor Endowment Hypothesis'. 5+5
11. Explain the economic characteristics of biotic resources. 10
12. Explain the relationship between the exhaustion of non-renewable resources and economic growth. 10
13. Explain the finite global ecosystem relative to the economic subsystem. 10
14. Discuss the contribution of Stanley Jevons and Malthus to Ecological Economics. 10

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