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**MSD-014**

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

**Term-End Examination**

**June, 2024**

**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 approach of market economists and free market economists in reducing the externalities. 10
2. Briefly illustrate the concept of thermodynamic Entropy through carnot cycle. 10
3. Explain the Demographic Transition Model. 10
4. Explain the environmental kuznet hypothesis. 10

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5. Explain the bio-economic model of renewable resources. 10
6. Explain the concept of sustainable extraction and maximum sustainable with suitable examples. 10
7. What are the two components of Marginal Social Costs ? Explain with suitable graph. 10
8. Write a note on co-evolutionary economics. 10
9. Define Fragile Ecosystems ? Discuss the basic livelihoods systems in Fragile Ecosystems. 4+6
10. What are the major rural air pollution problems in India ? Briefly explain. 10
11. Define 'Eco-feminism'. Explain the economic compulsion of women's ecological conservationism. 2+8
12. What is Hedonic pricing method ? What are its advantages and limitations ? 4+6
13. Explain the various types of environmental policy instruments. 10
14. What is Carbon Trading ? Briefly discuss the advantages of international Carbon Trading. 4+6

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