

POST GRADUATE DIPLOMA IN SUSTAINABILITY SCIENCE (PGDSS)

Term-End Examination

December, 2019

MSD-014 : ECOLOGICAL ECONOMICS

Time : 3 hours

Maximum Marks : 100

Note : (i) Attempt any ten questions.

(ii) Answer in about 500 words.

(iii) All questions carry equal marks.

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1. Explain the *Axiom of Material Value* and the *Axiom of Abundance* principles. 5+5
 2. What is Sustainable Development ? Explain $I = PAT$. 4+6
 3. Explain the Economic theories of Non-renewable resources. 10
 4. What is Sustainable Extraction ? Explain with suitable graph. 10
 5. Describe the Marginal Private Cost and Incidental Costs with suitable examples. 5+5
 6. What are the Pollution Haven Hypothesis and the Factor Endowment Hypothesis ? 5+5
 7. Define the Disability-Adjusted Life Years. What are the major impacts of Air Pollution on health ? 4+6
 8. Explain the following terms : 2½x4
 - (a) Biomedical waste
 - (b) E-waste
 - (c) Hazardous waste
 - (d) Municipal Solid waste
 9. Elaborate the significance of CPRs in rural areas. 10
 10. How do you define 'Eco-feminism' ? Explain Women's Pro-environmental attitudes. 5+5
 11. Do you feel that there is a need for economic valuation of ecological services ? Justify. 10
 12. Briefly elaborate the various types of environmental policy instruments. 10
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