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MSD-014

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

Term-End Examination

June, 2019

MSD-014 : ECOLOGICAL ECONOMICS

Time : 3 Hours

Maximum Marks : 100

*Note : Attempt any ten questions. Answer in about
500 words. All questions carry equal marks.*

1. Explain the economic view of the environment. 10

2. What is entropy ? Explain the entropy hourglass with suitable diagram. 2, 8

3. Define the following terms : $2\frac{1}{2}$ each
 - (a) Global warming
 - (b) Human biomass appropriation
 - (c) Ozone Shield rupture
 - (d) Land degradation

4. Describe Environmental Kuznet Hypothesis. 10

5. What is steady-state bio-economic model ?
Explain with suitable example. 10
6. How is a stock-flow resource different from
fund service resources ? Explain with suitable
examples. 10
7. What is market ? Explain competitive general
equilibrium theory. 3, 7
8. Describe the living planet index and ecological
footprints. 5, 5
9. What do you mean by total economic value of
ecosystem services ? Explain. 10
10. What are the advantages and limitations of
contingent valuation method ? 10
11. Briefly discuss the linkages between poverty
and environmental degradation in a fragile
ecosystem. 10
12. Define CPRs. What are the major factors for
the degradation of CPRs in India ? 4, 6

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