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

**Term-End Examination**

**June, 2016**

**MSD-011 : SUSTAINABILITY SCIENCE**

**Time : 3 hours**

**Maximum Marks : 100**

- Note :** (i) *Attempt any ten questions.*  
(ii) *Answer the following questions in about 500 words each.*  
(iii) *Each question carries 10 marks.*

1. Briefly explain the theory of 'Needs' based on the 'Human Scale Development Approach'. 10
2. 'Sustainable Development is an Oxymoron'. Elaborate. 10
3. Explain the concept of Sustainable Livelihood Security (SLS) with suitable examples. 10
4. Write an essay on 'Sustainability Science Education'. 10
5. Define the term 'Global Hunger Index'. What are the major indicators to assess Global Hunger Index ? 5+5=10
6. Define 'Evergreen Revolution'. Briefly explain the major components of Evergreen Revolution. 2+8=10

7. What are the major goals of the National Policy on Farmers ? 10
  8. Describe in detail any two approaches for Natural Resource Management. 10
  9. Briefly discuss the role of Rio-Summit in evolving sustainability science. 10
  10. What are the major advantages of Integrated Watershed Management Approach ? Describe any five. 10
  11. Briefly explain the major tools for effective utilization of communication. 10
  12. Describe in brief the concept of eco-friendly lifestyle with suitable examples. 10
  13. Write an essay on 'Environmental Ethics'. 10
  14. What are the major constraints in adopting Sustainable Technology ? Briefly discuss. 10
  15. Write an essay on 'Environmental Education in India'. 10
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