

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

Term-End Examination

December, 2016

00359

MSD-011 : SUSTAINABILITY SCIENCE

Time : 3 hours

Maximum Marks : 100

Note : (i) *Attempt any ten questions. Each question carries 10 marks.*

(ii) *Answer the following questions in about 500 words.*

1. What are the major strategies for sustainable social system ? Explain in brief. 10
2. Discuss the environmental consequences of Green Revolution in India. 10
3. What are the three major pillars of sustainability ? Explain how are they interrelated ? 3+7=10
4. Explain the implications of Sustainable Livelihood Security (SLS) at macro and micro level with suitable examples. 5+5=10
5. Write an essay on Millennium Development Goals (MDG). 10
6. How can we say that technology as an enemy as well as an ally of sustainable development in Indian context ? Explain with suitable examples. 10

7. Why is Community Gene, Seed, Grain, Fodder and water banks model one of the best sustainable rural livelihood models in India ? Explain with proper justification. 10
 8. Describe any five major factors that affect the landscape diversity in India. 10
 9. Watershed management intervention needs the active participation of local people. Elaborate. 10
 10. Explain the concept of 'Environmental ethics'. What are the required environmental ethics at individual, industrial and global level ? Explain. 4+6=10
 11. Explain the concept of sustainable technology ? Discuss the major constrains in adopting sustainable technology. 5+5=10
 12. Discuss the role of different interpersonal communication tools for effective utilization of communication. 10
 13. Write an essay on 'Industrial Revolution'. 10
 14. What do you mean by jobless economic growth ? Explain. 10
 15. Briefly discuss the lifestyle of 'global consumer class'. 10
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