

00581

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

Term-End Examination

December, 2018

**MSD-016 : STRATEGIES AND MODELS FOR
SUSTAINABILITY**

Time : 3 hours

Maximum Marks : 100

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- Note : (i) Attempt any ten of the following questions in about 500 words each.*
- (ii) All questions carry equal marks.*
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1. Define the term 'model'. Explain any two general models on Sustainable Development. 2+4+4
2. What is integrated farming system ? Explain its approaches. 4+6
3. Discuss the role of cultural landscape in achieving sustainable development of a region. 10
4. What is Green Revolution ? What are its consequences in India ? 4+6
5. What are the major ecological foundations of Sustainable Agriculture ? Discuss any two ecological foundations of sustainable agriculture. 4+6

6. Explain the following terms : 5+5
(a) Eco-Agriculture
(b) Organic Agriculture
7. Explain the principle and structure of biovillage model of development. 10
8. What is ENVIS ? Discuss the objectives of ENVIS in India. 4+6
9. Briefly discuss the role of community in setting up of Village Knowledge Centres (VKCs). 10
10. Explain the different infrastructure development mode with suitable examples in India. 10
11. Define the term 'Sanitation'. Discuss the importance of Sanitation in achieving Sustainable Development in India. 10
12. Discuss any two sustainable models for reduction of waste. 5+5
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