

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

**Term-End Examination**

**June, 2018**

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

*Time : 3 hours*

*Maximum Marks : 100*

- Note :** (i) *Attempt any ten of the following questions in about 500 words each.*
- (ii) *All questions carry equal marks.*

1. Define Infrastructure. Discuss its major characteristics in brief. 10
2. "Preventive Medicine - as the sustainable approach to good health". Discuss. 10
3. Explain the concept of sustainable production with suitable example. 10
4. Define waste. Explain any two waste treatment methods. 2+4+4
5. What is Remote Sensing ? Describe its major components. 2+8
6. Explain the following : 5+5
  - (a) Community Gene-Seed-Grain Banks
  - (b) Peoples Biodiversity Register

7. What is three-tier Knowledge Network ? Explain the guiding principles of Village Knowledge Centres. 5+5
  8. Define Participatory Rural Appraisal (PRA). Briefly discuss any two tools used in PRA exercise. 2+4+4
  9. Explain any five ecological foundations of Evergreen Revolution. 10
  10. Define the term 'food security'. Explain its three major pillars. 4+6
  11. Briefly discuss the concept, principle and functioning of Self Help Group (SHG). 10
  12. What are the opportunities and constraints for development interventions in the Himalaya ? Explain. 10
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