

POST GRADUATE DIPLOMA IN SUSTAINABILITY SCIENCE (PGDSS)

Term-End Examination

December, 2019

MSD-016 : STRATEGIES AND MODELS FOR SUSTAINABILITY

Time : 3 hours

Maximum Marks : 100

Note : (i) Answer any ten questions.
(ii) Each question carries equal marks.

1. Explain the different approaches for infrastructure development.
2. What is Green Infrastructure ? Discuss the characteristics of Sustainable Infrastructure.
3. Analyse the challenges in health sector in India.
4. Discuss the importance of value addition in food processing industry through SWOT analysis.
5. Explain various sustainable models for reduction of waste.
6. Elaborate the three-tier knowledge network in the context of sustainable rural development.
7. Highlight the steps involved in setting up of biovillage.
8. Analyse the long-term ecological harm correlated with Green Revolution.
9. Discuss the concept and principles of Integrated Nutrient Management.
10. Write short notes on the following :
 - (a) Green Agriculture
 - (b) Beneficial micro-organisms in Agriculture
11. Explain the linkages between gender and market.
12. Discuss the Rural Technology Demonstration and Training Centre (RTDTC) Model.
13. Write short notes on the following :
 - (a) The Capital Stock Model
 - (b) The Egg Model
14. Discuss the shifting agriculture practices in North East India.