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MSD-016

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

Term-End Examination

June, 2024

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

Time : 3 Hours

Maximum Marks : 100

Note : Answer any **ten** questions. Each questions carries equal marks.

1. What is sustainability science ? Explain the contribution of sustainability science in infrastructure development. 10
2. Explain the sustainable approach to public health and sanitation. 10
3. Explain briefly the “Zero Emission Research and Initiatives” ZERI Methodology of waste management. 10

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4. What is remote sensing ? Explain the application of remote sensing and GIS for sustainable development. 10
5. Explain the different components of natural resource management. 10
6. Write short notes on the following : 5 + 5 = 10
 - (a) Village Resource Centre.
 - (b) Village Knowledge Centre.
7. Explain the ecological foundations of evergreen revolution. 10
8. Write short notes on the following : 5 + 5 = 10
 - (a) Organic agriculture.
 - (b) Biofertilizers.
9. Explain the role of microenterprises in the biovillage paradigm. 10
10. Write short notes on the following : 5 + 5 = 10
 - (a) Gender equality
 - (b) Food security.

