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MSD-011

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

Term-End Examination, 2019

MSD-011 : SUSTAINABILITY SCIENCE

Time : 3 Hours]

[Maximum Marks : 100

Note : Attempt **any ten** questions. Each question carries **10** marks. Answer the following questions in about **500** words each.

1. Explain the linkages among the environmental, economic and social dimensions of sustainable development.
2. Explain how sustainable livelihood security pertains to both intergenerational and intra-generational equity.
3. Define food security. How does increase in population relate to food security ?
4. Describe the evolution of the discipline of sustainability science.
5. Highlight the need and importance of Community Based Natural Resource Management.

6. What are the steps for methodological approach for planning and implementing communication strategies ?
7. Explain the meaning and concept of Watershed Management.
8. Write your views on challenges to sustainable development.
9. Define environmental ethics. Explain the concept of ecophilosophy.
10. Discuss any two challenges of adopting sustainable technology.
11. Why do landscape structure and landscape function change over time and across space ?
12. "Technology is like a sword with two edges." Justify the statement using suitable arguments and examples.
13. Do you think that there is relevance of Physical and Ecological indicators of sustainability ? Explain your views.
14. Differentiate between sectoral and integrated watershed management approach.

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