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MSD-011

**POST GRADUATE DIPLOMA IN
SUSTAINABILITY SCIENCE**

(P. G. D. S. S.)

Term-End Examination

December, 2020

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. Describe the *three* postulates of human scale development approach.
2. Explain the concept and components of policy and planning in sustainable development.
3. What are the common media tools utilized for effective utilization of communication ?
4. What is Engle coefficient ? How does it reflect the economic conditions of a region ?

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5. What are the formal and non-formal means of imparting environmental education ? What is the scenario of environmental education in India ?
6. Establish a relation between technological development and environment.
7. What are Natural Resources ? Classify natural resources on the basis of right of stakeholders.
8. Define sustainable livelihood security. What are its macro and micro level implications ?
9. What do you understand by watershed management ? Briefly describe the characteristics of watershed.
10. Explain major challenges in achieving sustainable development.
11. Analyse the relationship between changing lifestyle and sustainable development.

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12. Describe the principles of landscape ecology as proposed by Forman.
13. Explain the genesis and evolution of sustainability science as a discipline.
14. Describe any *two* systems of technology giving appropriate example.