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MSD-017

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

Term-End Examination

June, 2020

**MSD-017 : CHALLENGES TO SUSTAINABLE
DEVELOPMENT**

Time : 3 Hours

Maximum Marks : 100

*Note : Attempt any ten questions in about
500 words each. All questions carry equal
marks.*

1. How do human activities contribute to climate change ? Explain with suitable examples. 10
2. Write short notes on the following : 5, 5
 - (a) Kyoto protocol
 - (b) Copenhagen summit

P. T. O.

3. Define ecological footprint. Analyse the relationship between ecological footprint and biodiversity. 3, 7
4. Define air pollution. Describe various types of air pollutants. 10
5. Explain hazardous waste pollution and its types. 10
6. What is epidemiology ? Describe any *two* common communicable diseases. 2, 8
7. Discuss the impacts of population increase on environment and health. 10
8. Describe various phases of disaster management with suitable examples. 10
9. Analyze the impact of climate change on water resources. Describe any *five* adaptive measures at community level in fighting climate change.

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10. Explain the linkages between climate change and human health. 10
11. What is land degradation ? Explain any four impacts of land degradation. 2, 8
12. Explain the various sources of groundwater pollution. 10