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MSD-017

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

Term-End Examination

December, 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. Discuss climate change as a threat to sustainability. 10
2. Explain carrying capacity and how it overshoots the biocapacity of the earth. 10
3. Define noise pollution. Describe various sources of noise pollution and how it impacts human health. 2+5+3

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4. Discuss some major factors that contribute to desertification. 10
5. Define natural disasters. Explain the different types of natural disasters. 2+8
6. What is biopiracy ? Discuss with suitable examples of biopiracy of traditional knowledge. 10
7. Discuss the importance of sanitation in sustainable development. 10
8. Explain the problems and impacts of land degradation. 10
9. Describe various impacts of soil erosion. 10
10. Differentiate hazard and disaster. Explain human made disasters with suitable case studies. 10
11. Discuss climate change impacts on forest resources. 10
12. Describe various sources of water pollution and the pollutants that enter surface and ground-water bodies. 10