

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

Term-End Examination

June, 2019

00953

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

Time : 3 hours

Maximum Marks : 100

Note : *Attempt any **five** of the following questions. All questions carry equal marks.*

1. Explain the concepts of land degradation. Describe the problems and impacts of land degradation with examples. 20
2. Differentiate between hazards and disasters. Explain the different types of natural and man-made disasters. 20
3. Define health. Describe the linkages between environmental factors and public health. 20
4. Define desertification. Explain the major factors contributing to desertification. What are the impacts of desertification on climate change and biodiversity ? 20

5. Explain global warming and climate change. How do humans contribute to climate change? 20
6. Describe how climate change is a threat to sustainability. Explain the impacts of climate change at global and national level. 20
7. Write short notes on any **four** of the following in about 200 words each : $4 \times 5 = 20$
- (a) Food Safety and Food Security
 - (b) Ecological Footprints
 - (c) Impacts of Urbanization
 - (d) Climate Change and Human Health
 - (e) Phases of Disaster Management
8. Explain any **four** of the following in about 200 words each : $4 \times 5 = 20$
- (a) Air Pollution
 - (b) Health Implications of Noise Pollution
 - (c) Kyoto Protocol
 - (d) Hazardous Waste Pollution
 - (e) Copenhagen Summit
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