

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

Term-End Examination

December, 2018

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

Time : 3 hours

Maximum Marks : 100

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- Note :** (i) *Attempt any five of the following.*
(ii) *All questions carries equal marks.*
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1. How is climate a threat to sustainability ? Explain with suitable examples. 20
2. What is Ecological Foot Prints ? Explain the relationship of ecological footprint with climate change and biodiversity. 20
3. Describe in detail tangible and intangible impacts of urbanisation. 20
4. Explain in detail the phases of disaster management with suitable examples. 20
5. Explain in brief various types of pressures on land in India. Describe the existing programme in India to contain land degradation. 20
6. Explain in brief various dimensions of health. Describe in detail different management options to control various health problems. 20

7. Write short notes on **any four** of the following in about 200 words each. 5x4=20
- (a) Differentiate between mitigation and adaptation to climate change
 - (b) Impact of climate change on water resources
 - (c) Importance of environment health to sustainable development
 - (d) Biological warfare
 - (e) Hazardous waste pollution
8. Answer **any four** of the following in about 200 words each. 5x4=20
- (a) Role of individual to slow down climate change.
 - (b) Climate change vulnerability to people and places.
 - (c) Nutritional requirements in different life stages of a person.
 - (d) Desertification.
 - (e) Mitigation and adaptation measures dealing with energy crisis.
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