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**MSD-017**

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

**Term-End Examination**

**June, 2024**

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

*Time : 3 Hours*

*Maximum Marks : 100*

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**Note :** *Attempt any **ten** questions. All questions carry equal marks.*

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1. What are the differences between weather and climate ? Explain in detail the threats of climate change. 2+8
2. Explain the causes of high population growth. 10
3. Explain the causes and consequences of desertification. 10

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4. “Sustainable development is meeting the needs of the present without compromising the ability of future generations to meet their own needs.”  
Comment on the statement. 10
5. Write short notes on the following : 5+5
  - (i) Epidemics and pandemics
  - (ii) Bioterrorism
6. How does urbanization and migration impact the well-being of women and children ? 5+5
7. What are physical and chemical hazards ?  
Explain with examples. 5+5
8. Define ocean acidification. Explain the causes of ocean acidification. 2+8
9. Discuss the causes of urban environmental pollution. 10
10. Explain the relationship between climate change and human health. 10
11. Explain the economic and ecological impacts of the invasive alien species. 5+5
12. Discuss the role of etiology in the prevention and control of diseases. 10

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