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MSD-017

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

Term-End Examination

June, 2026

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

Time : 3 Hours

Maximum Marks : 100

Note : (i) Answer any **ten** questions in about
500 words each.

(ii) All questions carry equal marks.

1. Explain the adaptation and mitigation measures to address climate change in India. 5+5

2. Write a detailed note on the alternate and innovative sources of energy. 10
3. What are environmental and occupational hazards ? Elaborate using examples. 5+5
4. What is bio-piracy ? How can it be checked ?
2+8
5. Highlight the major factors that enhance the vulnerability of forests to climate change. 10
6. Explain the tangible and intangible effects of urbanization. 5+5
7. 'Overconsumption leads to resource depletion and not overpopulation.' Justify the statement. 10
8. What is land degradation ? What are its causes ? 2+8
9. Suggest some policy recommendations for sustainable land use in India. 10

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10. Elucidate the importance of cleanliness and sanitation for sustainable development. 10
11. How climate change is posing threat to sustainability of ecosystems and natural habitat ? Explain. 10
12. What are communicable diseases ? What are its major classes ? 5+5

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