

Dr Adye Dhu

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National Institute of Technology Hamirpur
Centre for Energy Studies
End Semester Examination. November 2023

Course: Open Elective

Code: EN-313

Title of the Course: Climate Change & Sustainability

Semester: 5th

Maximum Marks:50

Time:3 Hours

Note: Attempt all questions.

1. Define the term "sustainable development", and how can an individual contribute to the goal of sustainable development? (5)
2. Explain the concept of a biogeochemical cycle along with diagram and give an example of one such cycle. (5)
3. Why is environmental education important, and what role does it play in promoting a more eco-conscious society? (5)
4. Discuss the benefits and challenges of implementing eco-labeling in the market. (5)
5. What is the circular economy, and how does it aim to reduce waste? (5)
6. Suggest control measures for mitigating air pollution in urban areas. (5)
7. How do traditional conservation systems in India contribute to biodiversity preservation? (5)
8. Assess the impacts of unplanned urban development and suggest measures to mitigate them. (5)
9. Discuss the concept of sustainable cities and provide examples of eco-friendly urban practices. (5)
10. What is the primary aim of environmental impact assessments (EIA) and Environment Management Plan (EMP) for a project? (5)