



SDDDES 101 - UNDERSTANDING ENVIRONMENT

Assignment -1 5 X 3 = 15

1. Discuss in brief about carbon and nitrogen cycle
2. Explain the various processes involved in the hydrological cycle
3. Explain the energy flow in an ecosystem with a neat diagram
4. Explain the causative factors, consequences and control of radioactive pollution
5. Explain how the globalization leads to environmental deterioration

Assignment -2 5 X 3 = 15

6. Describe how environment influences the human life
7. Explain Trophic Levels and food web
8. Describe concept of soil erosion and its environment consequences
9. Write about Air pollutants sampling techniques and pollution control devices
10. Explain about Biogeochemical Cycling of elements

DESM-I

1

**SDDDES 102 - SUSTAINABLE DEVELOPMENT:
ISSUES AND CHALLENGES**

Assignment -1 5 X 3 = 15

1. Write about the parameters that influence the sustainable development
2. Write about patterns of industrialization
3. Sustainable agriculture leads to improvement of environmental quality - Discuss
4. Classify the Natural resources and their exploration
5. What are the issues and challenges for the Development?

Assignment -2 5 X 3 = 15

6. Community Development contributes to Sustainable Development - Discuss
7. What are the various regulatory bodies in India for environmental protection
8. a) Describe various conservation methods of Natural Resources
b) Energy conservation strategies
9. Globalisation and changes of patterns of industrialization
10. Explain the need for innovative practices for sustainable development

DESM-I

2

SDDDES 103 - ENERGY AND ENVIRONMENT

Assignment -1 5 X 3 = 15

1. Explain the consumption and conservation of energy sources
2. Discuss about the Sources and their Application of Alternative and Renewable Energy?
3. Explain about the Structure and function of photovoltaic cell systems in solar energy?
4. Describe the process for the Production of biomass energy?
5. Discuss the Environmental impact associated with exploitation of hydrothermal power

Assignment -2 5 X 3 = 15

6. Discuss the impacts due to large scale exploitation of natural resources
7. Discuss the applications, advantages of wind energy in India
8. Describe the fermentation and anaerobic digestion processing
9. Explain the natural gas from coal based power production technologies helps in clearing up the environment
10. Write down the causes and effects of Deforestation

DESM-I

3

SDDDES 104 - INTEGRATED ENVIRONMENT MANAGEMENT

Assignment -1 5 X 3 = 15

1. Discuss the challenges in rural environmental management stemming from health related problems
2. What information does on initial environmental examination provide?
3. Write a detailed note on farm forestry
4. Write a urban development and its impact on climate
5. Write the strengthening the role of women in environment and development

Assignment -2 5 X 3 = 15

6. Explain rain water harvesting method with a neat diagram.
7. Quality of environment is directly related to human life style. Justify
8. Explain the need of public participation in Environmental programmes
9. How the present legal frame work helps in integrated environmental management.
10. What are the management imperatives of the extensive, semi extensive of aquaculture systems?

DESM-I

4

SDDDES 105 - NATURAL RESOURCES MANAGEMENT

Assignment -1 5 X 3 = 15

1. Give an account of Natural resources classification
2. Explain the environmental effects of over exploitation of natural resources
3. Describe the various watershed management techniques and their advantages
4. Write an essay on Integrated Farming Systems
5. What are the major threats to Biodiversity and How can you conserve?

Assignment -1 5 X 3 = 15

6. Define waste land? Describe the process of reclaiming of waste lands in India?
7. What is organic manure? Explain the process of compost and vermicompost
8. What is the mechanism of capturing and storage of Solar energy and enumerate with examples
9. Describe the importance of conservation and management of Natural resources
10. Describe the inter-relationship between Agriculture versus environment?

NOTE:

- 1) Last date for submission of assignments for all the courses / paper is- 15.03.2018
- 2) Non-submission of assignments as per the scheduled dates mentioned above attracts a fine of Rs. 200/- upto 26.03.2018 per each assignment of a course / paper and under any circumstances the assignments will not be accepted from 27th March, 2018.
- 3) Assignments are to be written in the Book-lets provided by CDL and other formats are not accepted.
- 4) Answer all 10 questions, in a single book only