Post Graduate Diploma in Sustainability Science
(PGDSS)

Assignments

(2017 and 2018 Sessions)

School of Interdisciplinary and Transdisciplinary Studies
Indira Gandhi National Open University
Maidan Garhi, New Delhi -110068 2

Dear Learner,
You will have to do one assignment for each course. Each assignment carries 100 marks. **Irrespective of the year of registration you need to submit the latest assignments uploaded on the website.**

INSTRUCTIONS
1. Read the detailed instructions about assignments given in the Programme Guide.

2. The first page of your response sheet should look like this:

Programme code : PGDSS Enrolment No……………………. Name & Address (with e-mail and mobile number) …………………………….. Course Code and Title……………………… Regional Centre (code) ……………………. Study Centre (code) …………………….

3. Use A-4 size papers for responses, write on both sides with margin, and secure all the pages carefully.

4. Write the question with each answer. **Each question to be answered in around 500 words in your own handwriting.**

5. **Last date for submitting the assignments for <u>July Session is 30th March</u> and for <u>January Session is 30th September</u>**.

6. Submit the assignment responses to the Coordinator of the Study Centre.

GUIDELINES

1. **Planning:** Read the assignments carefully. Go through the self learning material on which they are based. Make some points regarding each question and then rearrange them in a logical order.

2. **Organization:** Give attention to your introduction and conclusion. The introduction must offer your brief interpretation of the question and how you propose to develop it. The conclusion must summarize your response to the question. Make sure that your answer is: logical and coherent; has clear connections between sentences and paragraphs, and ; is written correctly giving adequate consideration to your expression, style and presentation.

3. **Presentation:** Once you are satisfied with your answers, you can write down the final version for submission. Write each answer neatly and underline the points you wish to emphasize.

Please contact the Programme coordinator for any academic help / clarification Dr. Y. S. C. Khuman: pgdss@ignou.ac.in/ysckhuman@ignou.ac.in

MSD-011: Sustainability Science

Course Code: MSD-011
Maximum Marks: 100

Note: This assignment is based on the entire course. Please answer in your own words; do not copy from the course material.
Answer all the questions. All questions carry 25 marks each.

1. How culture plays an important role in balancing the different pillars of Sustainable development?
2. Explain the concept of Sustainable Livelihood Security with reference to underprivileged Forest community in India.
3. Write an essay on how community can be effectively involved in policy and planning.
4. How can you promote sustainable life style in your community?

MSD-012: Ecosystem and Natural Resources

Course Code: MSD-012
Maximum Marks: 100

Note: This assignment is based on the entire course. Please answer in your own words; do not copy from the course material.
Answer all the questions. All questions carry 25 marks each.

1. Describe the concept of an ecosystem. Write in detail about structure and functions of an ecosystem.
2. Describe the impact of economic development on global water resources. Discuss the conservation methods options for water conservation.
3. What are the different types of energy resources? Discuss various alternative energy resources for domestic, industrial and commercial establishments.
4. Explain the cause and consequences of shrinking agrobiodiversity. Discuss the significance of women and traditional knowledge for agrobiodiversity conservation.

MSD-013: Socio-cultural System

Course Code: MSD-013
Maximum Marks: 100

Note: This assignment is based on the entire course. Please answer in your own words; do not copy from the course material.
Answer all the questions. All questions carry 25 marks each.

1. Explain the interaction between man and environment from socio cultural point of view?
2. Do you eat food that is indigenous to your culture? Why or why not?
3. Explain the salient features of a traditional society in contrast to a modern society. Is India a tradition oriented society. Comment.
4. Explain the role of urbanization in bringing about a social change in society.

MSD-014: Ecological Economics

Course Code: MSD-014
Maximum Marks: 100

Note: This assignment is based on the entire course. Please answer in your own words; do not copy from the course material.
Answer all the questions. All questions carry 25 marks each.

1. Explain the "Carrying Capacity" concept at different scale with suitable example.
2. Discuss the marginal costs and benefits of deforestation at different spatial level.
3. How poverty and environmental degradation are directly link in India?
4. What is Carbon Trading? What are its advantages and limitations?

MSD-015: Institution, Governance and Policies

Course Code: MSD-015
Maximum Marks: 100

Note: This assignment is based on the entire course. Please answer in your own words; do not copy from the course material.
Answer all the questions. All questions carry 25 marks each.

1. Discuss the role of World Bank in achieving Sustainable Development across the world.
2. What are the major impacts of globalization in participatory governance in India?
3. Corruption at different level in India is a major barrier in achieving sustainable development. Explain.
4. Judiciary system plays an important role in environmental conservation in India. Discuss with suitable examples.

MSD-016: Strategies and Models for Sustainability

Course Code: MSD-016
Maximum Marks: 100

Note: This assignment is based on the entire course. Please answer in your own words; do not copy from the course material.
Answer all the questions. All questions carry 25 marks each.

1. Explain the concept and components of India's Smart City project.
2. What are the major steps for developing a Community Resource Centre of your area.
3. Write an essay on 'Ecoagriculture'.
4. Try to conceptualise a sustainable livelihood model of traditional coastal farming village. Explain the different components and its linkages.

MSD-017: Challenges to Sustainable Development

Course Code: MSD-017
Maximum Marks: 100

Note: This assignment is based on the entire course. Please answer in your own words; do not copy from the course material.
Answer all the questions. All questions carry 25 marks each.

1. The global mean sea-level rise has increased in the past decade. Why is this so? Explain with suitable examples.
2. Write an essay on the effects of climate change on Antarctic and Sub-Antarctic environments?
3. Describe the various causes and effects of energy crisis. How can it be managed sustainably?
4. What are electronic wastes? Describe the various sources of electronic wastes and the problems associated with their disposal.