

**POST GRADUATE DIPLOMA
IN ENVIRONMENT AND SUSTAINABLE
DEVELOPMENT
(PGDESD)**

**It is compulsory to submit the assignment before
filling in the examination form.**

(Valid from January 1st, 2012 to December 31st, 2012)

Tutor Marked Assignments (TMA) for

MED-005

MED-006

MED-007

MED-008



INDIRA GANDHI NATIONAL OPEN UNIVERSITY

**Maidan Garhi
New Delhi – 110 068**

(For January, 2012 Cycle)

Dear Student,

This booklet contains the assignments for MED-005, MED-006, MED-007 and MED-008. Each course has **one** assignment, which you need to complete and send us on the given address.

There will be one assignment for each course. You have to complete the assignments in time.

Assignment Submission Deadlines are as follows:

Cycle	Course	Deadlines
January	MED-001 to MED-004	March 31 of the same year
	MED-005 to MED-008	September. 30 of the same year
July	MED-001 to MED-004	September. 30 of the same year
	MED-005 to MED-008	March 31 of the next year

You will not be allowed to appear for the term-end examination for a course if you do not submit the assignment for each course within the deadlines given above. If you appear in the term-end examination of a course without submitting its assignment, the result of the term-end examination is liable to be cancelled/with held. It is compulsory to submit the assignment before filling in the examination form.

The assignments constitute the continuous component of the evaluation process and have 30% weightage in the final grading. You need to score 40% marks in assignments for each course in order to clear the continuous evaluation component.

Instructions for Formatting Your Assignments

1. You should specify clearly on the first page of all your assignment responses the course code, course title, assignment code, your enrolment number, name and address in the given format:

ENROLMENT NO.:

NAME :

ADDRESS :

.....

.....

COURSE CODE:

COURSE TITLE:

ASSIGNMENT CODE:

STUDY CENTRE CODE: DATE :

PLEASE FOLLOW THE ABOVE FORMAT STRICTLY TO FACILITATE EVALUATION AND TO AVOID DELAY.

- 1 The Assignment Response should be hand-written. Use only A-4 or foolscap size writing paper (but not of very thin variety) for writing your answers.
2. Leave at least 4 cm margin on the left, top and bottom of your answer sheet for the evaluator's comments.
3. Your answers should be brief, precise and in your own words. **Please do not copy the answers from the study material.**
4. Serious action will be taken if you copy the Assignment Response from any other student.
5. While answering the questions, clearly indicate the question number along with the part being answered. Recheck your work before submitting it.

We recommend that you retain a copy of your assignment response to avoid any unforeseen situation.

Send your completed assignments to: Coordinator of your Study Centre of the respective Regional Centre **where you are enrolled**

Please write on the envelope "**Assignment Response of**" (Course code).

Wishing you all good luck!

TUTOR MARKED ASSIGNMENT
MED-005: Integrated Environmental Management: Urban and Rural

Course Code: MED-005
Assignment Code: MED-005/TMA/2012
Maximum Marks: 100

- Note:** *
- * This assignment is based on the entire course.
 - * All questions are compulsory. Marks for the questions are shown within brackets on the right hand side.
 - * Please answer in your **own words**; do not copy from the course material.
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1. Write short notes on the following: (5x4)
 - i) Importance of studying urban ecology
 - ii) Resultant problems of Green Revolution
 - iii) Necessity of new environmental ethics
 - iv) Characteristic features of environmental law

2. Write answers (in about 300 words) of any eight of the following questions. (10x8)
 - i) How is sustainable development different from other forms of development? Discuss the conditions that are required for the nations to pursue the path of sustainable development.
 - ii) Highlight the features of the two main paradigms of rural development? Which of these paradigms do you support? Give reasons for the same.
 - iii) What does ISO 14000 signify? Mention the broad aspects that it includes. Why is ISO 14000 necessary for countries in the modern times?
 - iv) With the help of examples describe the sustainable forestry initiatives undertaken in South Asia. Comment on their accomplishments as well as limitations.
 - v) Write the reasons for the loss of wetlands in recent years. What steps need to be taken to check their further loss and help in their restoration?
 - vi) Enlist the various approaches for the management of industrial wastes and highlight their potentials to safeguard the environment in the long run.
 - vii) "By internalizing the external costs of natural resources their over-use could be prevented". Discuss this statement with the help of relevant examples.
 - viii) Present your views on the pros and cons of taking the scientific and technological path for solving various environmental problems.
 - ix) Describe the contributions of the United Nations in environmental management across the globe.
 - x) What elements are essential for the success of an environmental campaign? Discuss with the help of a specific example.

TUTOR MARKED ASSIGNMENT
MED-006: Natural Resource Management

Course Code: MED-006
Assignment Code: MED-006/TMA/2012
Maximum Marks: 100

- Note:** * This assignment is based on the entire course.
* All questions are compulsory. Marks for the questions are shown within brackets on the right hand side.
* Please answer in your **own words**; do not copy from the course material.
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1. (a) What do you understand by: (5)
 - i. Biotic and abiotic resources
 - ii. Renewable and non-renewable resources(b) Briefly discuss the mineral resources of India. (5)
2. (a) List the adverse effects of soil salinity. (5)
(b) Explain various methods of soil conservation. (5)
3. (a) How does coal originate in nature? (5)
(b) Renewable biomass in a versatile fuel. Comment. (5)
4. (a) What are strategies of conservation of natural resources? (5)
(b) Explain the significance of valuation of biodiversity. (5)
5. (a) Compare and contrast threatened, endangered, and rare species. (5)
(b) Describe the impact of biodiversity loss. (5)
6. (a) Explain the importance of biodiversity as 'products' and 'services'. (15)
(b) Write a short note on biodiversity hot spots. (5)
7. (a) Why there is a need to conserve biodiversity. Discuss different approaches to conserve biodiversity. (4)
(b) What are the benefits of in-situ conservation of a species? (4)
(c) Write a note on elephant reserves. (2)
8. (a) What is the negative impact of nature tourism? (3)
(b) EIA (Environmental Impact Assessment) can be an important conservation tool. Justify (4)
(c) How communication can be used as a tool for biodiversity tool? (3)
9. What is the need for legislation for conservation of biodiversity? Describe all the national legislation Acts. (10)

TUTOR MARKED ASSIGNMENT
MED-007: Agriculture and Environment

Course Code: MED-007
Assignment Code: MED-007/TMA/2012
Maximum Marks: 100

- Note:** * This assignment is based on the entire course.
* All questions are compulsory. Marks for the questions are shown within brackets on the right hand side.
* Please answer in your **own words**; do not copy from the course material.
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1. Outline the current status of agricultural practices in India and discuss why eco-friendly agricultural technology has become important today? (5+5)
2. How loss of agro-biodiversity affects the nutrition of developing countries? Discuss the key principles to conserve and enhance agro-biodiversity. (5+5)
3. Analyse the issue of food security in all its dimensions from the Indian perspective. Suggest measures to ensure food security for the poor people of our country. (10)
4. Discuss the role of information and communication technologies and space technology in agricultural development. (10)
5. “Agricultural *waste* is a contradiction in terms.” Comment. (10)
6. Explain the goals of IPM. Analyse the major issues involved to achieve these goals. (4+6)
7. Explain the need for institutional capacity building in support of agriculture. Discuss the importance of people’s participation in agriculture related activities and programmes. (6+4)
8. a) Explain the following principles of land use in your own words. (5)
 - i) Superiority of demand
 - ii) Physical form of the landb) How can we maintain the long-term fertility of the soils? (5)
9. Describe the approaches of sustainable agriculture. (10)
10. Outline the measures the respective governments can take to accelerate the growth of agricultural sector in the South Asian countries. (10)

TUTOR MARKED ASSIGNMENT
MED-008: Globalisation and Environment

Course Code: MED-008
Assignment Code: MED-008/TMA/2012
Marks: 100

Note: * This assignment is based on the entire course.
* All questions are compulsory. Marks for the questions are shown within brackets on the right hand side.
* Please answer in your **own words**; do not copy from the course material.

1. Discuss the relationship between Globalization and climate change. (10)
2. Answer the following in your own words: (10)
 - a) Floods
 - b) Droughts
3. Explain the impact of Wars on environment. (10)
4. Explain as to how the technology concerns are related to the Environmental standards. (10)
5. Comment on the following: (10)
 - a) World Trade Organisation (WTO)
 - b) International Monetary Fund (IMF)
6. Answer the following in your own words: (10)
 - a) Swadhyaya Movement
 - b) Chilka Bachao Movement
7. Write short note on the following concepts: (10)
 - a) Mining Project in (Srilanka)
 - b) Enron Power Project (Nepal)
8. Explain the following in your own words: (10)
 - a) Sustainable Food Security
 - b) Green Business
9. What do you understand about the decision making structures of Indian Bio-diversity Conservation. (10)
10. Explain the following in your own words: (10)
 - a) Right to Clean Environment
 - b) Environmental concern in Developing Countries