

PGDDM

POST GRADUATE DIPLOMA IN DISASTER MANAGEMENT

ASSIGNMENTS 2023

For January 2023 and July 2023 Sessions



**School of Social Sciences
Indira Gandhi National Open University
Maidan Garhi, New Delhi-110068**

POST GRADUATE DIPLOMA IN DISASTER MANAGEMENT

Dear Student,

As we explained in the Programme Guide for Post Graduate Diploma in Disaster Management, you will have to do one Tutor Marked Assignment (TMA) for each four-credit course.

Each assignment consists of Sections I and II. There are five questions in each section. You have to answer a total of five questions in about 400 words each. You have to attempt at least two questions from each section. You will find that the questions in the assignments are analytical and descriptive so that you can better understand and comprehend the concepts.

Before you attempt the assignments, please read the instructions carefully provided in the Programme Guide. It is important that you write the answers to all the TMA questions in your own words. Your answers should be within the approximate range of the word-limit set for each question. Remember, writing answers to assignment questions will improve your writing skills and prepare you for the term-end examination.

You are to submit the assignments to the Coordinator of your Study Centre. You must obtain a receipt from the Study Centre for the assignments submitted and retain it with you. It is desirable to keep a photocopy of the assignments submitted by you.

Once evaluated, the Study Centre will return the assignments to you. Please insist on this. The Study Centre will send the marks to the IGNOU Regional Centre concerned and the latter shall send it to SE Division at IGNOU, New Delhi.

Submission:

You need to submit the assignment within the stipulated date for being eligible to appear in the term-end examination.

The completed assignments should be sent as per the following schedule.

Assignment	Date of Submission	Whom to send
MPA-001 MPA-002 MPA-003 MPA-004 MPA-005 MPA-006 MPA-007 MED-004 (only for the students who are opting this Course in lieu of Project Work)	September 30, 2023 for January 2023 Batch March 31, 2024 for July 2023 Batch	To The Coordinator of the Study Centre allotted to you

GUIDELINES FOR DOING ASSIGNMENT

We expect you to answer each question as per instructions in the assignment. You will find it useful to keep the following points in mind:

- 1) **Planning:** Read the assignment carefully, go through the Units on which they are based. Make some points regarding each question and then rearrange them in a logical order.
- 2) **Organization:** Be a little selective and analytical before drawing up a rough outline of your answer. Give adequate attention to question's introduction and conclusion.
Make sure that:
 - a) The answer is logical and coherent.
 - b) It has clear connections between sentences and paragraphs.
 - c) The presentation is correct in your own expression and style.
- 3) **Presentation:** Once you are satisfied with your answer, you can write down the final version for submission. **It is mandatory to write the assignment neatly in your own handwriting.** If you so desire, you may underline the points you wish to emphasize. Make sure that the answer is within the stipulated word limit. Do not type the assignments.

Wishing you all the best,

**Prof. Uma Medury & Prof. Dolly Mathew
Programme Coordinators**

**MPA-001: UNDERSTANDING NATURAL DISASTERS
(TMA)**

**Course Code: MPA-001
Assignment Code: Asst/TMA/2023
Marks: 50**

This assignment consists of Sections I and II. There are five questions in each section. You have to answer a total of five questions in about 400 words each. It is necessary to attempt at least two questions from each section. Each question carries 10 marks.

Section -I

- | | | |
|----|---|----|
| 1) | Describe the significance of disaster management system at the central, state and local levels. | 10 |
| 2) | Discuss the causes and impacts of droughts and analyse the role of Rajasthan government in disaster management. | 10 |
| 3) | What measures would you suggest for disaster management in earthquake prone areas of Gujarat? | 10 |
| 4) | ‘In cyclone prone state, effective forecasting and warning play an important role in disaster management.’ Explain. | 10 |
| 5) | Write a note on various types of natural disasters. | 10 |

Section – II

- | | | |
|-----|---|----|
| 6) | Discuss the active and passive methods of avalanche hazard mitigation. | 10 |
| 7) | Describe the impact of sea level rise on Indian Coastal Zone. | 10 |
| 8) | Discuss the causes and impacts of heat and cold waves. | 10 |
| 9) | Examine the impact of climate change on terrestrial ecosystem. | 10 |
| 10) | Discuss the causes of landslides and suggest necessary measures to mitigate the impact of disaster. | 10 |

**MPA-002: UNDERSTANDING MAN-MADE DISASTERS
(TMA)**

**Course Code: MPA-002
Assignment Code: Asst/TMA/2023
Marks: 50**

This assignment consists of Sections I and II. There are five questions in each section. You have to answer a total of five questions in about 400 words each. It is necessary to attempt at least two questions from each section. Each question carries 10 marks.

Section -I

- | | |
|--|----|
| 1) Discuss the nature and various types of man - made disasters. | 10 |
| 2) What are the major causes and effects of biological disasters? | 10 |
| 3) Describe the strategies to mitigate coal fire disaster. | 10 |
| 4) Explain the types of building fires. | 10 |
| 5) ‘Preparedness and response are important steps in oil fire management.’
Comment. | 10 |

Section – II

- | | |
|--|----|
| 6) Discuss the ecological and health effects of air pollution. | 10 |
| 7) Examine the impact of industrial effluents on environment and humans. | 10 |
| 8) ‘Deforestation is causing multiple societal and environmental problems.’
Explain. | 10 |
| 9) Examine the disaster management practices in rail accidents and suggest necessary measures to mitigate these disasters. | 10 |
| 10) Discuss the causes and impacts of air accidents. | 10 |

**MPA-03: Risk Assessment and Vulnerability
Analysis Assignment
TMA**

**Course Code: MPA-003
Assignment Code:
Asst/TMA/2023
Marks: 50**

This assignment consists of Section-I and Section-II. There are five questions in each section. You have to answer a total of five questions in about 400 words each. It is necessary to attempt at least two questions from each section. Each question carries 10 marks.

SECTION –I

- | | |
|---|----|
| 1) Define Vulnerability and discuss its various factors. | 10 |
| 2) Define Risk and discuss various elements at Risk. | 10 |
| 3) Discuss the role of Science and Technology in Disaster Risk Reduction. | 10 |
| 4) Discuss analytical systems for risk assessment. | 10 |
| 5) Examine participative risk assessment methods. | 10 |

SECTION-II

- | | |
|---|----|
| 6) 'Poverty and Vulnerability are co-related.' Discuss. | 10 |
| 7) Bring to light socio-economic determinants of disaster loss. | 10 |
| 8) 'Urban planning comprises various issues.' Comment | 10 |
| 9) Describe cyclone preparedness with special reference to India. | 10 |
| 10) Write a note on hazard design techniques. | 10 |

**MPA-04: Disaster Preparedness
Assignment
TMA**

**Course Code: MPA-004
Assignment Code:
Asst/TMA/2023
Marks: 50**

This assignment consists of Section-I and Section-II. There are five questions in each section. You have to answer a total of five questions in about 400 words each. It is necessary to attempt at least two questions from each section. Each question carries 10 marks.

SECTION –I

- | | |
|---|----|
| 1) Discuss measures towards effective disaster management. | 10 |
| 2) Write a note on the concept and significance of disaster preparedness plan. | 10 |
| 3) Analyse the role of women in disaster preparedness activities. | 10 |
| 4) The community-based preparedness plan requires several types of activities in pre-disaster,during-disaster and post-disaster phases-Elaborate. | 10 |
| 5) Examine the components and strategies of Information, Education, Communication and Training in fostering disaster preparedness. | 10 |

SECTION-II

- | | |
|--|----|
| 6) Examine the role of international agencies in disaster preparedness. | 10 |
| 7) Disaster the role of remote sensing in managing disasters. | 10 |
| 8) ‘Disaster mitigation tools include measures to address prevention goals’-Elaborate. | 10 |
| 9) Write a note on social cost benefit analysis. | 10 |
| 10) Write short notes on each of the following in 200 words each. | |
| (a) Ham Radio | 5 |
| (b) Media Management | 5 |

**MPA-05: Disaster Response
Assignment
TMA**

**Course Code: MPA-005
Assignment Code:
Asst/TMA/2023
Marks: 50**

This assignment consists of Section-I and Section-II. There are five questions in each section. You have to answer a total of five questions in about 400 words each. It is necessary to attempt at least two questions from each section. Each question carries 10 marks.

SECTION –I

- 1) Explain the importance of communication and its techniques in activation of emergency plans. 10
- 2) Discuss the various types of assessments done during disaster situations. 10
- 3) Describe the administrative structure for disaster response at the national level. 10
- 4) Examine the pattern of deployment of armed forces in disaster situations. 10
- 5) Write a note on role of youth organizations in managing disasters. 10

SECTION-II

- 6) Management of human behavior and response in disaster situations assumes importance- Analyse. 10
- 7) Discuss the symptoms and types of stress. 10
- 8) Bring out a comprehensive view of the concept of panic 10
- 9) Examine the minimum standards in food aid. 10
- 10) Write a note on important aspects of relief management in India. 10

**MPA-006: Disaster Medicine
Assignment
(TMA)**

**Course Code: MPA-006
Assignment Code: Asst/TMA/2023
Marks: 50**

This assignment consists of Section I and II. There are five questions in each Section. You have to answer a total of five questions in about 400 words each. It is necessary to attempt at least two questions from each Section. Each question carries 10 marks.

Section I

1. 'Epidemiological procedures follow a standardized course of action.' Discuss. 10 marks
2. Write a note on hygiene and sanitation, as a preventive measure of health risk in disasters. 10 marks
3. Explain the hospital preparedness plan. 10 marks
4. Describe the various components of logistics management. 10 marks
5. 'Rendering of medical and health response in remote areas has both assets and difficulties.' Elaborate. 10 marks

Section II

6. Explain health education and training, as vital areas in disaster health management. 10 marks
7. 'Site triage' and 'occupational health and safety' are two vital components of disaster site management. Discuss. 10 marks
8. Mention in detail about 'control of communicable diseases' and 'food safety,' as important segments of community health management. 10 marks
9. Describe medical and health response to earthquake disaster.
10. While highlighting about the meaning and concept of information and communications technology, also explain the role of Geographical Information System towards medical and health response in various disasters. 10 marks

**MPA-07: Rehabilitation, Reconstruction and Recovery
Assignment
TMA**

**Course Code: MPA-007
Assignment Code:
Asst/TMA/2023
Marks: 50**

This assignment consists of Section-I and Section-II. There are five questions in each section. You have to answer a total of five questions in about 400 words each. It is necessary to attempt at least two questions from each section. Each question carries 10 marks.

SECTION –I

- | | |
|--|----|
| 1) Examine the relationship between disasters and Development. | 10 |
| 2) Discuss the signification of effective electronic media for managing disasters. | 10 |
| 3) Write a brief note on various parameters of vulnerability. | 10 |
| 4) Describe the role of international donor agencies in disaster management. | 10 |
| 5) Explain the impact of floods on housing and infrastructure. | 10 |

SECTION-II

- | | |
|--|----|
| 6) Write a note on the various building codes and standards for disaster resilient construction. | 10 |
| 7) Discuss the role of governmental and non-governmental agencies in post-disaster reconstruction. | 10 |
| 8) Bring out the importance of people's participation in disaster rehabilitation. | 10 |
| 9) Briefly discuss the concept of disaster recovery planning. | 10 |
| 10) Discuss the role of Civil Society Organisations in information dissemination. | 10 |

**MED-004: Towards Participatory Management
Assignment
TMA**

**Course Code: MED-004
Assignment Code: Asst/TMA/2023**

Marks: 50

This assignment consists of Section I and Section II. There are five questions in each Section. You have to answer a total of five questions in about 400 words each. It is necessary to attempt at least two questions from each Section. Each question carries 10 marks.

Section I

1. What is the meaning of participatory management? Discuss the phenomenon of transition from the conventional to participatory approaches of management. 10 marks
2. Explain the concept of community organization and its features and functions. 10 marks
3. Why is change more successful in organizational set up of NGO, as compared to the private sector? 10 marks
4. Give your views on participatory forest management and its importance in sustainable development and management. 10 marks
5. Define coastal zone and its characteristics. Also make a map highlighting the coastal lines of India. 10 marks

Section II

6. Describe good governance and its characteristics. 10 marks
7. Explain the main objectives of Orangi Pilot Project (OPP) and its impact on sanitation and health. 10 marks
8. Elaborate upon the key gender issues that need to be addressed while formulating a policy for women. 10 marks
9. Discuss the important activities of two important projects of South Asia Co-operative Environment Programme (SACEP). 10 marks
10. "Sustainable Development of Hindu Kush region will support the people of all the eight countries of the mountain area". Elucidate. 10 marks
