

PGDDM

POST GRADUATE DIPLOMA IN DISASTER MANAGEMENT

ASSIGNMENTS 2024

For January 2024 and July 2024 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, 2024 for January 2024 Batch March 31, 2025 for July 2024 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. Dolly Mathew
Programme Coordinator**

**MPA -001: Understanding Natural Disasters
(TMA)**

**Course Code: MPA-001
Assignment Code: Asst/TMA/2024
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) 'Disaster management cycle consists of different phases of disaster management'. Elaborate.
- 2) Discuss the organizational set-up of disaster management at the Central level in India.
- 3) Describe the nature of floods and significance of preparedness and response in flood disaster mitigation.
- 4) Examine the system of drought management in India.
- 5) Write short notes in about 200 words on each of the following:
 - (a) Cyclone warning and forecasting system.
 - (b) Hazards and impacts associated with an earthquake.

Section – II

- 6) Discuss the active methods of avalanche hazard mitigation and management plan.
- 7) Explain the risk reduction measures associated with landslides in India.
- 8) Enumerate the different types of hazards that are associated with volcanic eruptions and suggest techniques for volcanic hazard mitigation.
- 9) Describe the impacts of sea level rise.
- 10) Write short notes in about 200 words on each of the following:
 - (a) Protection from cold waves.
 - (b) Impact of climate change on agriculture.

**MPA -002: Understanding Man Made Disasters
(TMA)**

**Course Code: MPA-002
Assignment Code: Asst/TMA/2024
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 causes of man-made disasters and highlight the major issues concerning disaster management.
- 2) Write a note on nuclear disaster management.
- 3) Explain the safety and preventive measures against building fires.
- 4) 'Ideal Forest Fire Management has three major steps namely prevention, detection and suppression'. Comment.
- 5) Write short notes in about 200 words on each of the following:
 - (a) Causes of deforestation.
 - (b) Impact of Coal Fire.

Section – II

- 6) 'Major Air Pollutants can cause direct and indirect effects on humans and environment.' Examine.
- 7) Discuss the chemical parameters of concern in water quality management.
- 8) What are the causes and impacts of rail accidents?
- 9) Write a note on the treatment of industrial effluents.
- 10) Write short notes in about 200 words on each of the following:
 - (a) Causes and Impacts of oil fire.
 - (b). Types of Sea Accidents.

MPA-003: Risk Assessment and Vulnerability Analysis
TMA

**Course Code: MPA-
003 Assignment Code:
Asst/TMA/2024**

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 the concept of risk and bring out its various components.
- 2) Describe various strategies for disaster risk reduction.
- 3) Explain different methods of risk assessment.
- 4) Discuss the participatory risk assessment methods.
- 5) Briefly elucidate the approaches and models of vulnerability analysis

SECTION-II

- 6) 'Women are more vulnerable to disasters than men'. Elaborate with reasons.
- 7) Examine the causes of droughts and discuss the nature of drought management in India.
- 8) Analyse the important issues in urban planning for effective disaster management.
- 9) 'Disaster related problems are tackled through various strategies'. Discuss.
- 10) Bring out the significance of post-disaster assistance in disaster management.

**MPA-04: Disaster Preparedness
TMA**

**Course Code: MPA-004
Assignment Code: Asst/TMA/2024**

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 the concept and approaches of disaster mitigation.
- 2) Analyse the importance of planning in the context of disaster preparedness.
- 3) Examine the measures required for livestock management during disasters.
- 4) Explain the need and significance of Community Based Disaster Preparedness.
- 5) Describe the components and strategies of Information, Communication and Training.

SECTION-II

- 6) Write a note on Meteorological and Hydrological Disaster Preparedness.
- 7) How does disaster mapping and land use zoning facilitated disaster preparedness?
- 8) Explain the features of Wireless, Radio and Ham Radio.
- 9) Discuss the concept of Sustainable Development.
- 10) Describe the Conflict Resolution Techniques.

MPA-005: Disaster Response

Assignment (TMA)

Course Code: MPA-005

Assignment Code: Asst/TMA/2024

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) Why do we need response plan? Discuss briefly the response plan existing at the Central level.
- 2) Explain the role of various techniques of communication.
- 3) Discuss briefly search and rescue operations during disaster response.
- 4) Write a note on the various techniques of assessment.
- 5) Explain the administrative response framework in the disaster response structure at the national level.

SECTION-II

- 6) Give an overview of the capabilities and resources that will give an indication to the diverse nature of tasks the armed forces will be expected to perform.
- 7) ‘Youth organizations play a critical role in the area of disaster management.’ Elaborate.
- 8) Discuss the role of community based organizations and non-governmental organizations (with examples of NGOs) in disaster response.
- 9) ‘During disasters, humans normally experience a range of psychological and physiological reactions.’ Explain in the light of the statement the management of human reactions in disaster situations.
- 10) What are the minimum standards existing for food aid in emergencies?

MPA-006: Disaster Medicine

Assignment (TMA)

Course Code: MPA-006

Assignment Code: Asst/TMA/2024

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 methods help in measuring and describing the causes and consequences of the natural and man-made disasters.' In the light of the statement explain the various epidemiological methods.
- 2) Highlight about the hygiene and sanitation strategies that help in the prevention of risk during disasters.
- 3) Discuss about the component of pre-hospital plan in the medical preparedness plan.
- 4) Explain materials management and inventory control in logistics management.
- 5) State the administrative and medical infrastructure in remote areas and also the assets of the remote areas that can be taken into cognizance by the remote area plan for effective disaster response.

SECTION-II

- 6) Write a note on the role of education and training in disaster management.
- 7) 'Disaster site management entails casualty load management and their effective treatment.' Elaborate.
- 8) Discuss briefly clinical casualty management.
- 9) What does control of communicable diseases entail?
- 10) Highlight medical and health response to cyclones.

MPA-007: Rehabilitation, Reconstruction and Recovery

TMA

Course Code: MPA-007

Assignment Code: Asst/TMA/2024

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 role of various agencies in disaster management and development.
- 2) Write a note on communication system for information management.
- 3) Discuss the nature of disaster preparedness in Asia.
- 4) ‘Government at the central as well as state levels has specific schemes for providing funds for disaster management achievers’. Comment.
- 5) Bring out the features of traditional disaster resistant construction techniques.

SECTION - II

- 6) ‘The philosophy of coping with disaster is integral to effective disaster management.’ Elucidate.
- 7) Write a note on stress management in disaster situations.
- 8) Discuss the role of media in reaching out to disaster affected communities.
- 9) What are the guiding principles and criteria of monitoring and evaluation?
- 10) Examine the significance of people’s participation in disaster management and awareness.