

PGDDM

POST GRADUATE DIPLOMA IN DISASTER MANAGEMENT

ASSIGNMENTS 2019

For January 2019 and July 2019 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, 2019 for January 2019 Batch March 31, 2020 for July 2019 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) **Organisation:** 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 emphasise. 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
Assignments
(TMA)

Course Code: MPA-001
Assignment Code: Asst/TMA/2019
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) Explain the existing disaster management system at the state and district levels. | 10 |
| 2) 'Forecasting and warning are important components of an effective cyclone management system'. Elaborate. | 10 |
| 3) Discuss the impacts of drought and highlight the role of Rajasthan government in disaster management. | 10 |
| 4) Describe the causes and impacts of floods in India. | 10 |
| 5) What measures would you suggest for disaster management in earthquake prone areas? | 10 |

Section – II

- | | |
|---|----|
| 6) Discuss the nature, causes and impacts of volcanic disasters. | 10 |
| 7) 'Landslide hazard mitigation and management practices are satisfactory in India'. Comment. | 10 |
| 8) Describe the causes and impacts of cold waves. | 10 |
| 9) What are the major causes of sea level rise? | 10 |
| 10) Write a note on the impact of climate change on terrestrial ecosystem. | 10 |

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

**Course Code: MPA-002
Assignment Code: Asst/TMA/2019
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 types of man - made disasters. | 10 |
| 2) What are the major causes and effects of biological disasters? | 10 |
| 3) ‘Proper preparedness and timely response is necessary in case of chemical disaster management.’ Elaborate. | 10 |
| 4) Write a note on urban building fires. | 10 |
| 5) Explain the causes of coal fire and suggest necessary measures to mitigate disaster. | 10 |

Section – II

- | | |
|---|----|
| 6) What are the major causes and impacts of deforestation? | 10 |
| 1) Discuss the impact of industrial effluents on environment and humans. | 10 |
| 8) ‘Prevention, detection and suppression are necessary steps to be followed in forest fire management.’ Comment. | 10 |
| 9) Evaluate the effectiveness of disaster management practices in case of rail accidents In India . | 10 |
| 10) Discuss the causes of air accidents and suggest risk reduction measures to mitigate these disasters. | 10 |

MPA-003: Risk Assessment and Vulnerability Analysis
Assignment
(TMA)

Course Code: MPA-003
Assignment Code: Asst/TMA/2019
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 major vulnerability factors. | 10 |
| 2) Define Risk and describe Risk Estimation. | 10 |
| 3) Discuss the role of Science and Technology in Disaster Risk Reduction. | 10 |
| 4) Write a note on Earthquake Risk Assessment. | 10 |
| 5) Analyse the significance of Community Based Risk Assessment. | 10 |

Section-II

- | | |
|--|----|
| 6) 'Poverty and Vulnerability are correlated'. Discuss. | 10 |
| 7) Discuss major issues in Urban Planning. | 10 |
| 8) 'Write a note on System Vulnerability'. | 10 |
| 9) Discuss socio-economic aspects of survival through risk assessment. | 10 |
| 10) 'Hazard resistant designs and construction reduce risks'. Discuss. | 10 |

**MPA-004: Disaster Preparedness
Assignment
TMA**

**Course Code: MPA-004
Assignment Code: Asst/TMA/2019
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 disaster preparedness and the important preparedness activities required before, during and after disasters. | 10 |
| 2) Examine the important institutional mechanisms for disaster preparedness with special reference to drought management. | 10 |
| 3) Write a note in brief on various dimensions of disaster preparedness pertaining to housing and infrastructure. | 10 |
| 4) Explain the role of specialised agencies of central government in disaster preparedness. | 10 |
| 5) The police has a multi-faceted role to play in disaster situations' -Comment. | 10 |

Section-II

- | | |
|--|----|
| 6) Examine the role of Geographical Information System in disaster preparedness. | 10 |
| 7) 'Community as an institution is emerging as the most powerful entity in disaster preparedness ' - Elaborate | 10 |
| 8) Write a note on Emergency Operations Centre. | 10 |
| 9) Explain the concept and elements of Environment Impact Assessment. | 10 |
| 10) Discuss the issues involved in sustainable land-use planning. | 10 |

**MPA-005: Disaster Response
Assignment
(TMA)**

**Course Code: MPA-005
Assignment Code: Asst/TMA/2019
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) Describe the administrative mechanism for disaster response at state level. | 10 |
| 2) Examine the role of major stake holders in activation of emergency preparedness plans. | 10 |
| 3) Discuss the various types of damage assessment. | 10 |
| 4) Elaborate the measures for enhancing disaster response management. | 10 |
| 5) Write a note on the role of para-military forces in disaster response. | 10 |

SECTION - II

- | | |
|---|----|
| 6) Discuss the various ways of managing stress. | 10 |
| 7) Write a note on the minimum standards in nutrition. | 10 |
| 8) Explain the major components of relief management. | 10 |
| 9) Describe the various sources of funding disaster relief. | 10 |
| 10) Examine the challenges associated with disaster recovery. | 10 |

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

**Course Code: MPA-006
Assignment Code: Asst/TMA/2019
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) 'Epidemiological methods help in measuring and describing the causes and consequences of disasters.' Elaborate. | 10 |
| 2) Describe immunisation and vector control measures towards prevention of risk in health management at times of disasters. | 10 |
| 3) Explain the various components of logistics management. | 10 |
| 4) Write a note on the role of education and training in health management at times of disasters. | 10 |
| 5) Discuss the assets and difficulties of remote areas in disaster situations. | 10 |

Section II

- | | |
|--|----|
| 6) 'Disaster site management is the management of casualties at the site of disaster.' Elucidate. | 10 |
| 7) Explain medical and health response to fire disaster. | 10 |
| 8) Briefly examine the role of Geographical Information System (GIS) and Remote Sensing (RS) in medical and health response at times of disasters. | 10 |
| 9) 'Follow up activities help in reducing stress symptoms and promote post disaster readjustment.' Discuss. | 10 |
| 10) Write short notes on each of the following in 200 words each: | |
| (a) Cardio Pulmonary Resuscitation Procedure | 5 |
| (b) Standard Operating Procedures for Chief Medical Officer | 5 |

MPA-007: Rehabilitation, Reconstruction and Recovery
Assignment
TMA

Course Code: MPA-007
Assignment Code: Asst/TMA/2019
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 250 words each, selecting at least two questions from each section. Each question carries 10 marks.

SECTION – I

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|--|----|
| 1) Do you think that disasters, even though cruel, open up a window to development? Elaborate. | 10 |
| 2) Examine the role of information dissemination in disaster management. | 10 |
| 3) Explain the different parameters of vulnerability. | 10 |
| 4) Write a note on funding arrangements for reconstruction. | 10 |
| 5) Examine the nature of damage caused to houses in earthquakes. | 10 |

SECTION – II

- | | |
|---|----|
| 6) Discuss the role of international donor agencies in post-disaster reconstruction. | 10 |
| 7) ‘Shock, denial and trauma are typical responses to disasters aftermath’. Examine the statement in the light of stress management techniques. | 10 |
| 8) Bring out the significance of monitoring and evaluation of rehabilitation work. | 10 |
| 9) Write a note on Malpa Landslide of 1998. | 10 |
| 10) Discuss the basic features of disaster recovery planning. | 10 |

MED-004: Towards Participatory Management
Assignment
(TMA)

Course Code: MED-004
Assignment Code: Asst/TMA/2019
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) Describe the various applications of participatory rural appraisal tools and techniques for conducting field work and in implementation of development projects. 10
- 2) Discuss the various programmes being undertaken in the Orangi Pilot Project. 10
- 3) Highlight the role of leadership and innovation in bringing a change in the organization culture. 10
- 4) Briefly elucidate the essential elements of integrated coastal management. 10
- 5) Explain the organizational model of participatory management in South Asia. 10

Section II

- 6) 'Participatory approaches in empowering people for sustainable development are significant.' Elaborate. 10
- 7) Discuss the women's movements for the protection of environment. Highlight with some case studies. 10
- 8) Bring out the policy trends in joint forest management. 10
- 9) What do you understand by integrated wetland management? 10
- 10) Briefly write about reversals in learning. 10