

PGDDM

POST GRADUATE DIPLOMA IN DISASTER MANAGEMENT

ASSIGNMENTS 2020

For January 2020 and July 2020 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, 2020 for January 2020 Batch March 31, 2021 for July 2020 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/2020
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 regional and seasonal profile of natural disasters.
2. Explain the organisational set-up of disaster management at the central level in India.
3. ‘In flood prone state, effective forecasting, warning and monitoring play an important role in disaster management.’ Comment.
4. What measures would you suggest for disaster management in cyclone prone areas?
5. Discuss the causes and impacts of drought and analyse the role of Gujarat government in disaster management.

Section – II

6. What are the major causes and impacts of landslides?
7. Discuss the lessons learnt on the basis of past disasters in case of snow avalanches.
8. Write a note on the volcanic eruptions in Italy.
9. Describe the impact of climate change on terrestrial ecosystem.
10. Explain the salient aspects of response strategies to mitigate risks due to sea level rise.

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

**Course Code: MPA-002
Assignment Code: Asst/TMA/2020
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. Discuss the causes and impacts of oil fire.
2. Write a note on response to man-made disasters.
3. What are the major lessons learnt from the past chemical disasters?
4. 'Preparedness and response are significant steps in forest fire management'. Comment.
5. Suggest the safety and preventive measures to protect people against building fire.

Section – II

6. Highlight the effects of air pollution on environment.
7. Write a note on water characteristics and pollution.
8. Discuss the major causes of rail accidents and highlight lessons learnt from past experiences and practices.
9. Explain the role and organisational structure of agencies involved in disaster management in case of sea accident.
10. Analyse the treatment options for industrial effluent and suggest industry-specific treatment schemes.

MPA-003: Risk Assessment and Vulnerability Analysis
Assignment
TMA

Course Code: MPA-003
Assignment Code: Asst/TMA/2020
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

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|---|----|
| 1. Discuss the concept of Societal Risk Management. | 10 |
| 2. Write a note on various strategies for risk reduction. | 10 |
| 3. Explain in brief the Fault Tree Analysis and Cause Consequence Analysis models of Risk Assessment. | 10 |
| 4. Discuss the Participatory Risk Assessment Methods. | 10 |
| 5. Highlight various approaches and models of vulnerability analysis. | 10 |

SECTION II

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|---|----|
| 6. Examine the observational and analytical framework of vulnerability. | 10 |
| 7. Discuss the gender based approach to disaster management. | 10 |
| 8. ‘Development projects are increasing vulnerability’. Comment | 10 |
| 9. Discuss the application of information technology in disaster management. | 10 |
| 10. Highlight the significance of development planning for vulnerability reduction. | 10 |

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

**Course Code: MPA-004
Assignment Code: Asst/TMA/2020
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 mitigation and its approaches. 10
2. Analyse the importance of planning in the context of disaster preparedness. 10
3. Highlight the measures required for livestock management during disasters. 10
4. Discuss the need and significance of Community Based Disaster Preparedness. 10
5. Write a note in brief about the components and strategies of Information,
Communication and Training. 10

Section - II

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

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

**Course Code: MPA-005
Assignment Code: Asst/TMA/2020
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 role of other agencies in the disaster response plan. 10
2. Describe the meaning of communication and list out its various techniques. 10
3. Elaborate the various techniques of assessment. 10
4. Bring out the important components of logistics management in disaster response. 10
5. Outline the role of Ministry of Home Affairs in disaster response. 10

Section - II

6. Write a note in Brief about the role of Civil Defence and Youth Organisations in disaster response. 10
7. Discuss the concept and factors that affect human behaviour in disaster management. 10
8. Explain the concept of Panic and the various measures of managing it. 10
9. Briefly discuss the various components of minimum standards in water supply 10
10. Discuss the nature of recovery and differentiate between response and recovery. 10

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

**Course Code: MPA-006
Assignment Code: Asst/TMA/2020
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 epidemiological procedures.
2. Describe the components of hygiene and sanitation measures for prevention of health risks during disasters.
3. Discuss pre-hospital plan in medical preparedness.
4. Write a note on material management and inventory control.
5. Highlight the medical infrastructure in remote areas. Also explain the assets and difficulties of remote areas in disaster situations.

Section - II

6. 'Disaster site management is the management of casualties at the site of disaster.' Elaborate.
7. Write a note on clinical casualty management.
8. Briefly examine the role of Geographical Information System (GIS) and Remote Sensing (RS) in medical and health response at times of disasters.
9. 'Follow up activities help in reducing stress symptoms and promote post disaster readjustment.' Discuss.
10. Explain medical and health response to fires.

MPA-007: Rehabilitation, Reconstruction and Recovery
Assignment
TMA

Course Code: MPA-007
Assignment Code: Asst/TMA/2020
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. 'Rehabilitation acts as a bridge between relief and development'. Comment. 10
2. Analyse the role of sample surveys in damage assessment. 10
3. Briefly discuss the role of community and Non-Governmental Organisations (NGOs) in disaster management. 10
4. Discuss the concept of Sustainable Community Development. 10
5. Explain the concept, significance and challenges of livelihood. 10

Section - II

6. Write a brief note on funding arrangements for reconstruction in India. 10
7. Discuss the traditional disaster resistant construction techniques. 10
8. Examine the relevance of education, trainings, and awareness for disaster management. 10
9. Discuss the guiding principles of monitoring and evaluation. 10
10. Elaborate the goals of long-term community-based counter disaster planning. 10

MED-004: Towards Participatory Management
Assignment
(TMA)

Course Code: MED-004
Assignment Code: Asst/TMA/2020
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. Write a note on participatory rural appraisal tools and techniques used for field work and implementation of development projects. Also, highlight some of its constraints.
2. ‘The Pakistan National Conservation Strategy aims at achieving environmentally sustainable development in the country.’ Discuss.
3. Briefly explain participatory methodologies in the empowering process.
4. Discuss reversals of learning.
5. Describe the role of leadership and innovation in organization culture.

Section - II

6. ‘Institutions need to mainstream gender participation in their own work to ensure that development is truly equitable.’ Explain.
7. What are the major programmes of Orangi Pilot Project?
8. ‘The Social Development Research Programme has developed a conceptual framework for the well being of youth.’ Elaborate.
9. Describe the models of participatory management in South Asia.
10. Discuss participatory irrigation management in India.