

PGDDM

POST GRADUATE DIPLOMA IN DISASTER MANAGEMENT

ASSIGNMENTS

For January 2016 and July 2016 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	September 30, 2016 for January 2016 Batch	To The Coordinator of the Study Centre allotted to you
MPA-006 MPA-007	March 31, 2017 for July 2016 Batch	
MED-004 (only for the students who are opting this Course in lieu of Project Work)		

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/2016
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.
2. Discuss the causes and impacts of droughts and analyse the role of Rajasthan government in disaster management.
3. What measures would you suggest for disaster management in earthquake prone areas of Gujarat?
4. 'In cyclone prone state, effective forecasting and warning play an important role in disaster management.' Explain.
5. Write a note on various types of natural disasters.

Section – II

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

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

**Course Code: MPA-002
Assignment Code: Asst/TMA/2016
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.
2. What are the major causes and effects of biological disasters?
3. Describe the strategies to mitigate coal fire disaster.
4. Explain the types of building fires.
5. 'Preparedness and response are important steps in oil fire management.' Comment.

Section -II

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

MPA-003: Risk Assessment and Vulnerability Analysis
Assignment
TMA

Course Code: MPA-003
Assignment Code: Asst/TMA/2016
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 highlight its various components.
2. Describe various strategies for disaster risk reduction.
3. Explain different process of risk assessment methods.
4. Discuss the participatory risk assessment methods.
5. Briefly discuss various approaches and models of vulnerability analysis

Section-II

6. 'Women are more vulnerable to disasters'. Discuss.
7. Highlight the causes of drought and requirements of drought management in India.
8. Discuss the important issues in urban planning for effective disaster management.
9. 'Disaster related problems are tackled through various strategies'. Discuss.
10. Highlight the significance of post disaster assistance in disaster management.

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

**Course Code: MPA-004
Assignment Code: Asst/TMA/2016
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 various measures of disaster preparedness.
2. Highlight the importance of planning in the context of disaster preparedness.
3. Write a note on important measures of livestock management to be taken during disasters and post-disaster phase.
4. Explain the concept of community-based disaster preparedness plan and describe its important components.
5. Discuss the role of central government specialised agencies in disaster preparedness.

Section-II

6. 'Information technology is vital for disaster preparedness'- Analyse.
7. Explain the application of disaster mapping in preparing for disasters.
8. Examine the role of Emergency Operations Centre.
9. 'There are certain principles of disaster mitigation'. Elaborate.
10. Write a note on Social Cost -Benefit Analysis.

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

**Course Code: MPA-005
Assignment Code: Asst/TMA/2016
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 need of Disaster Response Plan and the role of different agencies in it.
2. Highlight the role of the major stakeholders in effective implementation of response plan.
3. Describe the concept of 'Damage Assessment' and discuss briefly its various techniques.
4. Examine the guidelines for deployment of Armed Forces in disaster response.
5. Elaborate the role of youth organizations in disaster management.

Section-II

6. What are the Millennium Developmental Goals and their targets?
7. Write a note on the concept of 'human behaviour' in disaster management.
8. Describe the types and sources of stress.
9. Explain the various measures of managing panic situations.
10. Discuss briefly the minimum standards in disaster response, as per SPHERE project.

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

**Course Code: MPA-006
Assignment Code: Asst/TMA/2016
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. Describe epidemiological study of disasters.
2. 'Immunisation and vaccination play an important role in prevention of risk.' Discuss.
3. Write a note on clinical casualty management.
4. Elaborate medical preparedness and health response system in remote areas.
5. Enumerate the principles of logistics management. Also, bring into light the various components of logistic support plan.

Section-II

6. 'Vector control is a vital component of community health management'. Elaborate.
7. 'Occupational health and safety are necessary measures for disaster workers.' Discuss.
8. Give an account of the medical and health response to earthquakes.
9. Explain the application of geographic information system (GIS) and remote sensing in the medical and health management in disasters.
10. Describe cardio- pulmonary resuscitation.

MPA 007: Rehabilitation, Reconstruction and Recovery
Assignment
TMA

Course Code: MPA-007
Assignment Code: Asst/TMA/2016
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. 'Disasters often open up new avenues of development'. Comment.
2. Explain the concept of Sustainable Livelihood Framework.
3. Discuss the role of Indian Red Cross, Media, Fire Services and other agencies in disaster management.
4. Bring out the recent advances in housing technology.
5. Write short notes in 250 words on each of the following:
 - a) Nutrition-Centred Health Assessment
 - b) Insurance Schemes for disasters

Section-II

6. 'For managing the continuity of post-disaster operations, a good disaster recovery plan is needed' Discuss.
7. Examine the role of stress management in disaster management.
8. Explain the role of civil society organisations in information dissemination.
9. Discuss the guiding principles and evaluation criteria of monitoring and evaluation in disaster aftermath.
10. Write short notes in 250 words on each of the following:
 - a) ECHO Disaster Preparedness Programme
 - b) Advantages of Pani Panchayats

TUTOR MARKED ASSIGNMENT
MED-004: Towards Participatory Management

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

1. Define PRA and describe how PRA tools are used. How are these tools helpful in the development of projects?
(2+4+4)
2. List any six characteristics of good governance. How does participatory management model help in good governance?
(3+3+4)
3. Discuss the significance of participatory approaches in empowering people for sustainable development.
(10)
4. Discuss with examples as how women's participation in community decision can help in the protection of environment.
(5+5)
5. What are the roles of a change agent in organizational change? Discuss the varied approaches a change agent can use for the betterment of an organization.
(5+5)
6. Describe the role of women in development and conservation of environment. How can the role of women be strengthened in environmental protection?
(5+5)
7. Discuss how reversal in learning can give better understanding of participatory management in a project.
(10)
8. Describe the roles and functions of youth in developmental works.
(10)
9. (a) Describe the salient features of SACEP. What are the assumptions of SACEP on which its vision in South Asia is based?
(b) Discuss how sustainable mountain development can be attained.
(5+5)
10. (a) Discuss the natural functions of wetlands. Describe the reasons for wetland loss.
(b) Elaborate your views on participatory forest management in relation to equity in benefit sharing and participation.
(5+5)