

**PGDDM**

**POST GRADUATE DIPLOMA IN DISASTER MANAGEMENT**

**ASSIGNMENTS**

**For January 2015 and July 2015 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
MPA001 MPA002 MPA003 MPA004 MPA005 MPA006 MPA007 MED-004 (only for the students who are opting this Course in lieu of Project Work)	<b>September 30, 2015 for January 2015 Batch</b>  <b>March 31, 2016 for July 2015 Batch</b>	<b>To The Coordinator of the Study Centre allotted to you</b>

## 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.

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/2015  
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 disaster management system at the central level.
- 2) Describe the causes and impacts of floods and analyze the role of state government in disaster management.
- 3) Highlight the significance of effective forecasting and warning in cyclone prone state.
- 4) 'Predictability, forecasting, warning and mitigation are important components of an efficient drought management system'. Comment.
- 5) What measures would you suggest for disaster management in landslide prone areas?

**Section – II**

- 6) Discuss the passive methods of avalanche hazard mitigation.
- 7) Write a note on volcanic hazard mitigation and management practices.
- 8) Discuss the impact of climate change on agriculture.
- 9) Explain the causes and impacts of cold waves.
- 10) Write a note on impacts of climate change.

**MPA-002: UNDERSTANDING MAN-DISASTERS  
TMA**

**Course Code: MPA-002  
Assignment Code: Asst/TMA/2015  
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) Enumerate the various types of man - made disasters and highlight their effects on society.
- 2) What are the major causes and impacts of chemical disasters?
- 3) Write a note on strategies to mitigate building fire disaster.
- 4) Explain the causes and impacts of coal fire.
- 5) 'Prevention, detection and suppression are important steps in forest fire management.' Discuss.

**Section - II**

- 6) Highlight the health effects due to air pollution.
- 7) Discuss the physical characteristics of water pollution.
- 8) 'Stop deforestation, which is causing multiple societal and environmental problems.' Examine the statement.
- 9) What are the basic constraints in managing rail accidents?
- 10) Discuss the causes and impacts of air accidents.

**MPA-003: RISK ASSESSMENT AND VULNERABILITY ANALYSIS  
TMA**

**Course Code: MPA-003  
Assignment Code: Asst/TMA/2015  
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) 'Risk is a technical concept, which is used by engineering and management specialists to arrive at an estimation of losses in the event of a disaster and the expected probability of its occurrence'. Discuss.
- 2) 'Perception of risk varies from society to society'. Discuss.
- 3) Discuss the role of Science and Technology in disaster risk reduction.
- 4) Briefly discuss various analytical systems for risk assessment.
- 5) Write a note on vulnerability of Himalayan Eco-System.

**Section-II**

- 6) 'Poverty and vulnerability are co-related'. Discuss.
- 7) 'Developmental projects induce vulnerability'. Discuss.
- 8) 'Physical and socio-economic factors contribute to hazards in cities'. Discuss.
- 9) Highlight major considerations in Development Planning for vulnerability reduction.
- 10) Write a note on Social Infrastructure for Vulnerability Reduction.

**MPA-004: DISASTER PREPAREDNESS  
TMA**

**Course Code: MPA-004  
Assignment Code: Asst/TMA/2015  
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) 'Managing disasters has to take into cognizance certain key aspects'- Elaborate on measures towards effective disaster management.
- 2) Highlight the preparedness strategies for vulnerable groups.
- 3) Discuss the concept and significance of disaster preparedness plan.
- 4) Information, Education and Communication (IEC) can reach the community through a variety of means- Examine.
- 5) Highlight the role of para-military forces in disaster preparedness.

**Section-II**

- 6) Throw light on the application of aerial photography in disaster preparedness.
- 7) Discuss the important aspects of meteorological and hydrological disaster preparedness.
- 8) Examine the relationship between sustainable development and disaster mitigation.
- 9) Write a note on the initiatives of Government of India in the area of disaster mitigation.
- 10) Describe the key components of environment impact assessment.

**MPA-005: DISASTER RESPONSE  
(TMA)**

**Course Code: MPA-005  
Assignment Code: Asst/TMA/2015  
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 disaster response plan at the district, block and village levels.
- 2) Describe logistic management with special reference to search and rescue operations.
- 3) Explain briefly the coordination and control framework existing at national level.
- 4) Examine the role of para-military forces in disaster response.
- 5) Analyse the aspects involved in the management of human behavior and response in disaster response situation.

**Section – II**

- 6) Discuss the role of NGO's in disaster response.
- 7) Write some common physical and psychological reactions in disasters.
- 8) Write a note on significance of vulnerability reduction.
- 9) Briefly discuss the sources of funding in the event of natural disasters.
- 10) Distinguish between response and recovery.

**MPA-006: DISASTER MEDICINE  
TMA**

**Course Code: MPA-006  
Assignment Code: Asst/TMA/2015  
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) Explain briefly the epidemiological procedures.
- 2) 'Vaccination and immunization are important measures that can prevent risk situations in disaster conditions'. Discuss.
- 3) Describe the various constituents of a pre-hospital plan in medical preparedness for emergencies.
- 4) What are the various components of logistics management?
- 5) Write a note on the role of information, education, and communication in health management in disasters.

**Section-II**

- 6) 'Site triage and communication are of paramount importance in disaster site management'. Comment.
- 7) Briefly discuss clinical casualty management.
- 8) Describe the response measures to fire disasters.
- 9) Highlight the application of GIS and Remote Sensing Satellites in health management of disasters.
- 10) Highlight a case study on disaster management.

**MPA -007: Rehabilitation, Reconstruction and Recovery  
TMA**

**Course Code: MPA-007  
Assignment Code: Asst/TMA/2015  
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. Examine the complex relationship between disasters and development.
2. Explain the role of NGOs in disaster management.
3. What is the role of Remote Sensing and HAM Radio in enhancing communication in disaster management?
4. “The nature of vulnerability of a place rests on various parameters that determine its susceptibility to disasters”. Elucidate.
5. Write short notes in 250 words on each of the following:
  - a) Relief-Rehabilitation Continuum
  - b) Fiscal Discipline
6. What do you understand by traditional disaster resistant techniques?
7. Explain the basic principles and steps involved in disaster recovery planning.
8. Examine the role of stress management in disaster management.
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) Role of Self-Help Groups
  - b) Bhuj Earthquake

## MED-004: Towards Participatory Management

Course Code: MED-004

Assignment Code: MED-004/TMA/2015

Marks: 100

- Note:** \*
- \* **This assignment is based on the entire course.**
  - \* All questions are compulsory. Marks for the questions are shown within brackets on the right hand side.
  - \* **Please answer in your own words; do not copy from the course material.**
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1. Define PRA, and describe the commonly used PRA tools. 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 how women's participation in community decision can help in the protection of environment by giving examples. (5+5)
5. What are the roles of a change agent in organisational change? Discuss the various approaches a change agent can use for the betterment of an organisation. (5+5)
6. Describe the role of women in development and conservation of environment. How can the role of women be strengthened in environment protection? (5+5)
7. Discuss how reversal in learning can give better understanding of participatory management in a project. (10)
8. Describe the role and functions of youth in development work. (10)
9. (i) Describe the salient features of SACEP. What are the assumptions of SACEP on which its vision in South Asia is based? (5+5)  
(ii) Discuss how sustainable mountain development can be attained.
- 10 (a) Discuss the natural functions of wetlands. Describe the reasons for wetland loss. (5+5)  
(b) Elaborate your views on participatory forest management in relation to equity in benefit sharing and equity in participation.

