

**PGDDM**

**POST GRADUATE DIPLOMA IN DISASTER MANAGEMENT**

**ASSIGNMENTS**  
**For January 2014 and July 2014 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, 2014 for January 2014 Batch</b>  <b>March 31, 2015 for July 2014 Batch</b>	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.

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/2014  
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, state and local levels.
- 2) Analyse the role of Gujarat government in case of drought management.
- 3) 'Response is an important component of an efficient cyclone warning system'. Discuss.
- 4) What measures would you suggest for disaster management in earthquake prone areas?
- 5) Highlight the lessons learnt on the basis of past experiences of landslides.

**Section - II**

- 6) Define avalanche and discuss the active methods of avalanche hazard mitigation.
- 7) Write a note on impacts of changes in atmospheric ozone.
- 8) Discuss the impact of climate change on agriculture.
- 9) List the hot prone areas in India, and explain the causes and impacts of hot waves.
- 10) Highlight the impacts of sea level rise on Indian Coastal Zone.

**MPA-002: UNDERSTANDING MAN MADE DISASTERS  
(TMA)**

**Course Code: MPA-002  
Assignment Code: Asst/TMA/2014  
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 nature and types of man - made disasters.
- 2) Discuss the lessons learnt from chemical disasters by highlighting the Bhopal gas tragedy.
- 3) What are the major causes and impacts of biological disasters?
- 4) Write a note on strategies to mitigate coal fire disaster.
- 5) Explain the causes and impacts of oil fire.

**Section - II**

- 6) Describe the ecological effects of air pollution.
- 7) Discuss the causes and impacts of deforestation.
- 8) 'Proper and specific treatment of industrial effluents is necessary before its disposal into water bodies to mitigate disaster caused by industrial waste.' Examine the statement and specify the treatment technologies.
- 9) Explain the causes and impacts of rail accidents.
- 10) Discuss the various types of sea accidents.

**MPA-003: RISK ASSESSMENT AND VULNERABILITY ANALYSIS**  
**Assignment**  
**(TMA)**

**Course Code: MPA-003**  
**Assignment Code: Asst/TMA/2014**  
**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 its various factors.
- 2) Define risk and highlight different elements at risk.
- 3) Discuss the role of science and technology in risk reduction.
- 4) 'Risk can be reduced through community action'. Discuss.
- 5) Discuss various models of vulnerability.
- 6) 'Poverty and vulnerability are co-related'. Discuss.
- 7) 'Development projects increase vulnerability'.
- 8) Bring to light driving forces of vulnerability of cities.
- 9) 'Disaster related problems can be effectively tackled through different strategies'. Discuss.
- 10) Write a note on social infrastructure for vulnerability reduction.

**MPA-004: DISASTER RESPONSE**  
**Assignment**  
**(TMA)**

**Course Code: MPA-004**  
**Assignment Code: Asst/TMA/2014**  
**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 the conceptual framework of disaster management and also throw light on its paradigm shift.
- 2) Explain the concept and various measures of disaster preparedness.
- 3) Discuss the preparedness measures pertaining to livestock.
- 4) Write a note in brief on the concept of community- based disaster preparedness plan and its various operationalisation strategies.
- 5) Highlight the role of district and sub-district administration in disaster preparedness.
- 6) ‘The police has a multi-faceted role to play in disaster situations’ - Analyse.
- 7) Discuss the role of international agencies in disaster preparedness.
- 8) Examine the importance of remote sensing for disaster preparedness.
- 9) Explain the importance of wireless and radio in disaster preparedness.
- 10) Write a note on important conflict resolution techniques..

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

**Course Code: MPA-005**  
**Assignment Code: Asst/TMA/2014**  
**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) Highlight the response plan at centre, state and district levels.
- 2) Explain the significance of collecting and reporting information on disasters.
- 3) What is logistics management? Also, discuss documentation as one of its components.
- 4) Discuss types and techniques of assessment.
- 5) Evaluate the role played by centre, state and district administration in disaster management.

**Section - II**

- 6) Highlight the role of armed forces and their capabilities and resources in disaster response.
- 7) Discuss the concept of human behavior and the psyche of provider and sufferer.
- 8) Highlight the minimum standards in water supply and sanitation.
- 9) Explain the structure for relief management by international agencies.
- 10) Define recovery and outline the challenges associated with the recovery process.

**MPA-006: DISASTER MEDICINE**  
**Assignment**  
**(TMA)**

**Course Code: MPA-006**  
**Assignment Code: Asst/TMA-006/2014**  
**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 various methods of epidemiological studies in disaster management.
- 2) Describe immunisation as a measure in prevention of risk in disasters.
- 3) Explain the various constituents of a hospital plan in medical preparedness for emergencies.
- 4) Examine the important components of logistics management.
- 5) Write a note on education and training as an important prerequisite for effective health management in disasters.

**Section II**

- 6) 'Occupational health and safety are necessary measures for disaster workers.' Discuss.
- 7) Examine the medical and health response system in cyclone disasters.
- 8) Describe the application of geographic information system (GIS) and remote sensing in the medical and health management in disasters.
- 9) Highlight the mental health interventions for psychologically affected in disasters.
- 10) Write a case study on a disaster.

# **MPA-007: REHABILITATION, RECONSTRUCTION AND RECOVERY**

## **Assignment (TMA)**

**Course Code: MPA-007  
Assignment Code: Asst/TMA/2014  
Marks: 50**

**This assignment consists of Section I & 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 consists of questions from Units 1 to 10 and Section II consists of questions from Units 11 to 21.**

### **Section I**

- 1) Explain the concept of Epidemiological Surveillance in disaster management.
- 2) ‘Community participation in disaster management can go a long way in disaster rehabilitation’ Comment.
- 3) Write a note on Remote Sensing and Earth Observation Programme.
- 4) Bring out the pertinent role of information dissemination in disaster management.
- 5) Examine the livelihood approach to reconstruction by underlining the challenges and limitations of livelihood options.

### **Section II**

- 6) Describe the recent advances in housing technology.
- 7) The philosophy of coping with disasters is better understood if elements of risks, hazards and vulnerability are clearly identified. Explain.
- 8) Write a note on countering trauma through counseling.
- 9) Bring out the significance of monitoring and evaluation in rehabilitation work.
- 10) Elucidate the role of media in disaster management.

## **MED-004: Towards Participatory Management**

**Course Code: MED-004**

**Assignment Code: MED-004/TMA/2014**

**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, PLA, and RRA. Describe the use of various tools and techniques of PRA used in developmental work. (10)
2. How good governance does enable any organization to fulfill its mission? Discuss the role of various models of participatory developmental activities. (10)
3. What is the need of participatory approach in development? Explain various constraints of participation. (10)
4. Discuss how reversal in learning can give better understanding for the development of rural areas. (10)
5. Discuss the role of women as : (10)
  - (a) educators
  - (b) users
  - (c) managers
  - (d) conservers of environment (with examples )
  - (e) controllers of population growth
6. What are the functions of youth in development work? Write a note on INFOYOUTH (10)
7. Describe the aims, mission and functions of SACEP. List the activities of SACEP that you consider are helpful for South Asian countries. (10)
8. What is participatory forestry? Describe JFM in India and explain how participatory management can affect the life of people residing at the periphery of forest area? (10)

9. Why is mountain ecosystem considered to be fragile in nature? Discuss (10)  
various developmental approaches in mountain area. How sustainable  
development in mountain ecosystem can be achieved?
  
10. What is watershed? How can an effective watershed management (10)  
can be done through participatory approach. Cite example.