POST GRADUATE DIPLOMA IN DISASTER MANAGEMENT

ASSIGNMENTS
For January 2010 and July 2010 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 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. 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 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.

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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

   Dr. Dolly Mathew

   (Programme Coordinators)
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 briefly the regional and seasonal profile of any two types of disasters in India.

2) What measures would you suggest for disaster mitigation in drought prone areas? Discuss.

3) Write a note on nature of floods and significance of preparedness and response in flood disaster mitigation.

4) Critically evaluate the action taken by the State Government for disaster management, in the case of Orissa Cyclone 1999.

5) Discuss the various types of hazards associated with earthquakes.

**Section - II**

6) Why do most of the slope failures or landslides occur after rainfall? Examine the landslide disaster management system.

7) Define avalanche and describe the methods of hazard prevention and mitigation.

8) Write a note on the main preventive measures, which are mostly adopted by people for protection from heat and cold waves.

9) Describe briefly the causes of sea level rise on Indian coastal zones and suggest the response strategies for disaster management.

10) Discuss the characteristics of Earth's atmosphere and explain the impacts of changes in atmospheric ozone.
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 briefly the different types of man-made disasters.

2) What are the causes of biological disasters? Discuss the factors contributing to vulnerability of population to the biological disasters.

3) Discuss the essential elements of the preparedness and response activities for mitigation of chemical disasters in India.

4) Explain the safety and prevention aspects of building fires.

5) Describe briefly the causes and impacts of oil fires in India.

**Section - II**

6) Examine the major causes of deforestation and suggest measures to improve the forest management system in India.

7) Discuss the water quality criteria.

8) Enumerate the causes of rail accidents and highlight the possible risk reduction measures.

9) Write a note on air quality management.

10) Discuss the causes of sea accidents and bring out the role of various agencies involved in disaster management.
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) ‘Elements at Risk are adversely affected during disasters’. Discuss.

2) Explain important analytical models for Risk Assessment.

3) ‘Community participation for Risk Reduction is possible through a number of ways’. Discuss.

4) ‘Vulnerability Analysis is undertaken through various models’. Discuss.

5) Write a note on Flood Vulnerability.

**Section – II**

6) Throw light on the socio-economic determinants of disaster loss.

7) Discuss the driving forces of vulnerability of cities with illustrations from India.

8) ‘Disaster prevention and control become effective by using different strategies’. Discuss.

9) Discuss major considerations in development planning for vulnerability reduction.

10) Write a note on Hazard Resistant Design and Construction.
MPA-004: DISASTER PREPAREDNESS
(TMA)
Course Code: MPA-004
Assignment Code: Asst/TMA/2010
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 conceptual framework of disaster management.

2) There are attempts to reduce the vulnerability of groups to disasters through various strategies especially by strengthening their employment and livelihood options - Examine.

3) Describe the preparedness measures pertaining to housing and infrastructure during various calamities.

4) Highlight the need and importance of community-based disaster preparedness.

5) “Providing proper Information, Education, Training and Communication to community plays a vital role in disaster preparedness, prevention and mitigation” Elaborate.

Section – II

6) Highlight the important aspects of meteorological and hydrological disaster preparedness.

7) Discuss the important initiatives taken by the Government of India relating to disaster mitigation.

8) Write a note on sustainable development.

9) Examine the role of Emergency Operations Centre.

10) Write short notes of around 200 words on each of the following:
    a) Geographical Information System (GIS)
    b) Conflict Confrontation Strategies
MPA-005: DISASTER RESPONSE
(TMA)

Course Code: MPA-005
Assignment Code: Asst/TMA/2010
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 significance of Response Plan and highlight the response plan at Centre, State and district levels.

2) Define assessment and discuss techniques of assessment.

3) Describe the coordination and control mechanism in disaster response.

4) Discuss the role of armed forces in disaster response.

5) Write short notes of around 200 words on each of the following: (2 x 5 = 10)
   a) Trigger mechanism
   b) Supply and Management (SUMA)

Section - II

6) Discuss the concept of human behaviour and its management in disaster situation.

7) Explain the meaning, types and sources of stress.


9) Discuss the essential components of Relief Management.

10) Write short notes of around 200 words on each of the following: (2 x 5 = 10)
    a) Distinction between Response and Recovery
    b) Minimum Standards in Nutrition
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 concept and components of disaster medicine.

2) Various epidemiological methods are used in measuring and describing the causes and consequences of disasters. Explain.

3) How can hygiene and sanitation measures help in prevention of risk during disasters?

4) Pre-hospital plan is a vital component of medical preparedness plan. Discuss.

5) Describe the components of logistics management.

Section II

6) Safe drinking water has to be ensured for prevention of communicable diseases during disasters. Elucidate.

7) Discuss the medical and health response system for effective management of disasters in remote areas.

8) Explain the application of GIS and remote sensing in disaster management and health response.

9) Describe medical and health response measures in disasters such as earthquakes.

10) Explain the procedures of administering cardio-pulmonary resuscitation.
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) “Rehabilitation is a bridge between relief and development” Discuss.
2) Write a note on Remote Sensing and Earth Observation Programme.
3) “Calamity Relief Fund and Prime Minister’s Relief Fund are the major funding arrangements for disaster reconstruction “. Discuss.
4) Examine the different methods that can be used to conduct sample survey.
5) Discuss the nature of damage to houses in earthquakes.

Section II

6) Discuss the role of governmental and non-governmental agencies in disaster reconstruction.
7) What are the steps in countering trauma through counselling?
8) Analyse the guiding principles for evaluation of rehabilitation work.
9) Discuss the factors involved in the preparation of a local community plan.
10) Write a note on long-term community based counter disaster planning.
TUTOR MARKED ASSIGNMENT

MED-004: Towards Participatory Management

Course Code: MED-004
Assignment Code: MED-004/TMA/2010
Maximum 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.

1. Explain the concept of participatory management giving examples relevant to your own setting. (10)

2. Describe the aims, mission and function of SACEP. List the activities of SACEP, which you think is going to help all the South Asian countries, and how. (3+2+5)

3. Discuss the significance of participatory approaches in empowering people for sustainable development. Support your answer with an Indian example. (4+6)

4. Describe five major issues that need to be addressed while establishing participation as a key principle in practices/procedures of an organisation. (10)

5. “Young people can participate in activities regarding sustainable development in a different way due to their unique characteristics and concerns”. Comment on this statement. (10)

6. Discuss the following in your own words.  
   a) Women’s participation in community decision-making  
   b) Education and communication  
   c) Women and Water (10)

7. a) What is participatory management and how can participation of local people can help in management of natural resources of our country. (5)  
   b) Discuss the role of decentralisation of power in the management of natural resources by giving examples. (5)

8. a) Why is mountain ecosystem considered fragile in nature? (2)  
   b) List the high priority issues of Hindu-Kush region. (3)  
   c) Discuss that sustainable development of Hindu-Kush region will support the people of all the eight countries of the mountain area. (5)

9. a) Define coastal zone. (1)  
   b) Describe the essential elements of integrated coastal management. (4)  
   c) List major problems present in Indian coastal region and suggest how the integrated coastal management can help to dissolve these problems. (5)

10. a) Differentiate between PIM and IMT (2)  
     b) Discuss the benefits and problems related to PIM in India. (6)
c) Describe a case study related to integrated wetland management other than describe in unit. (2)
Enrolment No.: ___________ Programme Title: ___________
Name: _______________________________
Course Code: ___________ Medium: ___________

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Signature of the Student: ______________
Date: ______________

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Signature of the receiver: ______________
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Notes: 1. Submit this form to the Coordinator of your study centre along with the assignment.
2. When you submit the assignment by post, enclose a self-addressed stamped envelope along with this.