



ଓଡ଼ିଶା ରାଜ୍ୟ ମୁକ୍ତ ବିଶ୍ୱବିଦ୍ୟାଳୟ, ସମ୍ବଲପୁର, ଓଡ଼ିଶା
Odisha State Open University, Sambalpur, Odisha
Established by an Act of Government of Odisha.

ASSIGNMENT – 1 to 6

ACADEMIC SESSION: 2017-18

DIPLOMA IN DISASTER MANAGEMENT (DDM)

Please read the instructions carefully before attempting assignment questions.

INSTRUCTIONS

Dear Learner,

Welcome to the Diploma Programme in Disaster Management offered by Odisha State Open University, Sambalpur.

You are required to submit one assignment per course within the stipulated time in order to become eligible to appear in the term-end examination. The assignments will be evaluated by the counselors at your Study Centre. Please submit your assignment response to Coordinator of the Study Centre. Before you attempt the assignments, please go through the course materials carefully. Please read the instructions pertaining to an assignment before your start writing your answer. Do not copy from the course material or from any other source. You are advised to read the material carefully, understand the same and write answers in your own language and style so that you will get good marks/grades.

Purpose of Assignments:

1. Assignments are part of the continuous evaluation process in Open and Distance Learning (ODL) system. Due weightage is given to the marks/grades you obtain in assignments. This will help you for better performance in the term-end examination. If you secure good grades/marks in assignments, your overall performance will improve.
2. Assignments are also a part of the teaching-learning process in ODL. Your assignment, after evaluation, will be returned back to you with specific and general comments by the evaluator. This will help you to know your strength as well as your weakness. Thus, it will establish a two-way communication between learner and evaluator.

How to write assignments:

1. Write your name, programme code, course title, enrolment no. and study centre code in the top sheet of the assignment answer booklet.
2. Write the answers in your handwriting. Give sufficient margin in the left side of each page so that the evaluator will give comments on each paragraph/page.
3. Do not cross the word limit given in each question.
4. Your handwriting should be neat and readable.

Weightage for each assignment:

1. Each assignment will carry 25% weightage and term-end examination will carry 75% weightage.
2. Each assignment will be of 100 marks. But it will carry 25% weightage.
3. You have to score minimum pass mark i.e. 40% in each assignment. In case you do not submit assignment or get fail mark in assignment you have to re-submit in the next year.

SUBMISSION DATES FOR ASSIGNMENTS

Course No.	Course Title	Date of Submission	Day as per Calendar
SEMESTER – I			
DDM - 01	Introduction to Disaster Management	22th October 2017	Sunday
DDM - 02	Geographical Information System and ICT in Disaster Management	29th October 2017	Sunday
DDM - 03	Risk Assessment and Vulnerability Analysis	05th November 2017	Sunday
SEMESTER – II			
DDM - 04	Disaster Preparedness and Response	18th February 2018	Sunday
DDM - 05	Recovery, Rehabilitation and Reconstruction	11th March 2018	Sunday
DDM - 06	Reporting, Information and Documentation in Disasters	18th March 2018	Sunday

ASSIGNMENT-1

DDM-01: Introduction to Disaster Management

Total Credit: 6

Long Answers Questions

- | | | |
|----------|--|----------|
| Q. 01(i) | Describe the nature, importance and scope of disaster management in details ? (within 500 words) | Mark: 20 |
| Q.01(ii) | What do you mean by 'Man made Disaster'? Mention about different types of Man made Disasters? (within 500 words) | Mark: 20 |

Medium Answers Questions

- | | | |
|----------|---|----------|
| Q.02(i) | Give a detailed description about Ozone depletion? (within 150 words) | Mark: 15 |
| Q.02(ii) | Give a detailed description about Tsunamis?(within 150 words) | Mark: 15 |

Short Answers Questions (5 x 6 marks)

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|-------|---|----------|
| Q. 03 | Write Short Notes on:(within 50 words)
i) Climatic Change
ii) Nuclear Disaster
iii) Water Pollution
iv) Forest Fire
v) Drought | Mark: 30 |
|-------|---|----------|

ASSIGNMENT-2

DDM-02: Geographical Information System and ICT in Disaster Management Total Credit: 6

Long Answers Questions

- Q. 01(i) What are the components of GIS used in disaster management? Write in detail. (within 500 words) Mark: 20
- Q.01(ii) Describe about the components and functions of Computer in detail? (within 500 words) Mark: 20

Medium Answers Questions

- Q.02(i) What are the analytical capabilities available in GIS platforms? (within 150 words) Mark: 15
- Q.02(ii) Give a detailed description about Operating systems?(within 150 words) Mark: 15

Short Answers Questions

(5 x 6 marks)

Mark: 30

- Q. 03 Write Short Notes on:(within 50 words)
- i) Remote Sensing application in Disaster Management
 - ii) Cyclone Early warning System
 - iii) SONAR
 - iv) Web GIS
 - v) Data acquisition

ASSIGNMENT-3

DDM-03: Risk Assessment and Vulnerability Analysis

Total Credit: 4

Long Answers Questions

- Q. 01(i) Describe about the role of science and technology in Disaster Risk reduction? Mention about the strategies to be adopted for Risk reduction? (within 500 words) Mark: 20
- Q.01(ii) Describe about the vulnerability to shanty settlements? What are the initiatives for risk reduction in India? (within 500 words) Mark: 20

Medium Answers Questions

- Q.02(i) What are the methods used in Participatory risk assessment? (within 150 words) Mark: 15
- Q.02(ii) Describe how systematic management and strategic planning can be implemented for vulnerability reduction?(within 150 words) Mark: 15

Short Answers Questions (5 x 6 marks)

Mark: 30

- Q. 03 Write Short Notes on:(within 50 words)
- i) Analytical systems of risk assessment
 - ii) Mapping of risk assessment
 - iii) Role of people's participation in risk assessment
 - iv) Social factors of vulnerability
 - v) Hazard resistant designs and construction

ASSIGNMENT-4

DDM-04: Disaster Preparedness and Response

Total Credit: 6

Long Answers Questions

- Q. 01(i) Describe about the concept and significance of Disaster Preparedness? What are the measures adopted for Disaster Preparedness? (within 500 words) Mark: 20
- Q.01(ii) Describe how community participation helps in Disaster preparedness plan? (within 500 words) Mark: 20

Medium Answers Questions

- Q.02(i) Give a detailed description of institutional mechanism for disaster preparedness? (within 150 words) Mark: 15
- Q.02(ii) Describe briefly about the components of logistics management in Disaster Response process?(within 150 words) Mark: 15

Short Answers Questions (5 x 6 marks)

Mark: 30

- Q. 03 Write Short Notes on:(within 50 words)
- i) Conceptual model of Disaster Preparedness
 - ii) Role of IT in Disaster Preparedness
 - iii) Trigger mechanism
 - iv) Emergency Operations Centre
 - v) Standard Operating Procedures (SOP) of Response Plan

ASSIGNMENT-5

DDM-05 Recovery, Rehabilitation and Reconstruction)

Total Credit: 6

Long Answers Questions

- Q. 01(i) Describe about the concept and types of Rehabilitation and Reconstruction? How can we make assessment of pre and post disaster conditions? (within 500 words) Mark: 20
- Q.01(ii) What are the steps to be taken from Reconstruction to Rehabilitation? Describe briefly about the livelihood restoration programme in Odisha? (within 500 words) Mark: 20

Medium Answers Questions

- Q.02(i) What are the necessary requirements for Speedy Reconstructions? (within 150 words) Mark: 15
- Q.02(ii) What are the guidelines for earthquake resistant construction technique?(within 150 words) Mark: 15

Short Answers Questions (5 x 6 marks)

- Q. 03 Write Short Notes on:(within 50 words) Mark: 30
- i) Sample Surveys
 - ii) Role of Insurance in Rehabilitation process
 - iii) Role of International agencies
 - iv) Environmental Infrastructure development
 - v) Participative Rehabilitation

ASSIGNMENT-6

DDM-06: Reporting, Information and Documentation in Disasters

Total Credit: 4

Long Answers Questions

- Q. 01(i) Describe about the types and importance of media? How media is helpful in Disaster mitigation? (within 500 words) Mark: 20
- Q.01(ii) What are the steps to be followed for preparation of project proposal / synopsis of the project? (within 500 words) Mark: 20

Medium Answers Questions

- Q.02(i) Differentiate between factual and ethical reporting? (within 150 words) Mark: 15
- Q.02(ii) What are the positive and negative effects of media in disaster management?(within 150 words) Mark: 15

Short Answers Questions (5 x 6 marks)

- Q. 03 Write Short Notes on:(within 50 words)
- i) Principles of Report writing
 - ii) Technology in Media
 - iii) Tsunami of South India
 - iv) Landslides in North East India
 - v) Orissa 1999 Super Cyclone

Mark: 30