

BOTSWANA COLLEGE OF DISTANCE AND OPEN LEARNING

CERTIFICATE IN DISASTER MANAGEMENT

INTRODUCTION TO DISASTER MANAGEMENT

ID 011

SESSIONAL EXAMINATION

Marks: 100

Duration: 3hrs

Instructions to students:

1. The examination consists of **Four** sections: A, B, C and D
2. Begin each answer to a new question on a new page
3. Answer all the questions according to instructions given in each section
4. Write answers in the answer booklet provided
5. Write in grammatical English

SECTION A: Multiple-choice questions. [10 Marks]

Answer all the questions by choosing the correct answer from the alternatives given.

1. All these below are disaster management preparedness except _____.
 - a. Achieving readiness to respond
 - b. Early warning systems
 - c. Educating public about hazards
 - d. Recovery

2. _____ uses satellite imagery.
 - a. Cell phones
 - b. Spatial information
 - c. Social Media
 - d. Social Network

3. _____ is not one of the key response actors.
 - a. Military forces
 - b. UN Agencies
 - c. International and local NGOs
 - d. Teachers

4. _____ is the probability that loss will occur as the result of an adverse event.
 - a. Hazard
 - b. Risk
 - c. Disaster
 - d. Vulnerability

5. _____, partnership and flexibility are areas of concern for development initiatives for countries faced with disaster.
- Preparedness
 - Selectivity
 - Mitigation
 - Recovery
6. The following are characteristics of high performing organisations except _____.
- Disaster relief
 - Aid appropriateness
 - Contribution to impact
 - Correctness
7. The removal from hazardous place to another place that is safe is referred to as _____.
- Remittance
 - Relocation
 - Evacuation
 - Rehabilitation
8. The following are types of hazards except _____.
- Geological hazards
 - Water Climate hazards
 - Environmental hazards
 - Electrical hazards



9. _____ are caused by biological, geological, seismic and meteorological conditions.
- a. Natural Disasters
 - b. Cyclones
 - c. Earthquakes
 - d. Tsunami
10. _____ is the return of buildings and infrastructures to a normal or improved state after setback or loss.
- a. Recovery
 - b. Evacuation
 - c. Recovery
 - d. Logistics

SECTION B: True / False questions.

[10 Marks]

Indicate if the statement is True or False

1. The term landslide refers to the upward movement of masses on rock and soil.
2. Disaster impact can affect an entire economy.
3. The EOP does not require considerable resources such as people, and equipment supplies to use in quantities.
4. Recovery is the return of buildings and infrastructures to a normal or improved state after setback or loss.
5. Agricultural projects promoting cash crops may reduce the production of foods.
6. The main hazards a region is or may be vulnerable to will depend on the geographic location of the country.
7. Mitigation includes reviewing building codes, vulnerability analysis updates, zoning and land use management.
8. Construction materials should be corrosive resistant, appropriate durability and strength.
9. Emergency lending is limited to cases where effective action can be felt in two to three years.
10. Landslides can also be triggered by other natural hazards such as rains, floods and earthquakes.



SECTION C: Short answer questions. [30 Marks]

Answer all questions from this section.

QUESTION 1

Briefly define the following terms and give examples:

- a. Emergency (3 marks)
- b. Disaster (3 marks)
- c. Hazard (3 marks)
- d. Risk (3 marks)

QUESTION 2

Explain mainstreaming children, protection and gender in emergency planning. (8 marks)

QUESTION 3

Outline the emergency operating plan (EOP) layout. (10 marks)

SECTION D: Essay-type questions.

[50 Marks]

Answer all questions in this section.

QUESTION 1

Analyse any two aspects of mitigation strategy in disaster.

(20 marks)

QUESTION 2

a. With relevant examples, discuss DMC with reference to Ebola virus.

(10 marks)

b. Outline the distinction between the two types of mitigation.

(10 marks)

QUESTION 3

Discuss the impact of disasters on development programmes.

(10 Marks)

END OF THE PAPER!