

BOTSWANA COLLEGE OF DISTANCE AND OPEN LEARNING

CERTIFICATE IN DISASTER MANAGEMENT

DISASTER ASSOCIATED HEALTH ISSUES

DH 012

SPECIAL EXAMINATION

Marks: 100

Duration: 3 hours

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 best answer from the alternatives given.

1. _____ is the occurrence of a particular disease in excess more than the expected.
 - a. Endemic diseases
 - b. Epidemic diseases
 - c. Vaccine preventable diseases
 - d. Communicable diseases

2. _____ team is involved at the hazard area in a mass causality incident.
 - a. Triage
 - b. Tagging
 - c. First aid
 - d. Evacuation

3. _____ is a primary prevention measure.
 - a. Rehabilitation
 - b. Pharmaceuticals
 - c. Social re-integration
 - d. Awareness education

4. Which team ensures transportation procedures are implemented in a mass causality incident?
 - a. Search and rescue
 - b. Triage
 - c. Tagging
 - d. Evacuation

5. The following are primary prevention measures except _____.
- a. Nutritional rehabilitation
 - b. Basic hygiene
 - c. Sanitation
 - d. Immunization
6. _____ is a tertiary prevention measure.
- a. Vaccination
 - b. Pharmaceuticals
 - c. Social re-integration
 - d. Oral rehydration salts
7. _____ involves empowering the community.
- a. Carrying out field tests
 - b. Rapid assessment
 - c. Health education
 - d. Chemoprophylaxis
8. Which pathogenic agent spread Tuberculosis?
- a. Fungi
 - b. Virus
 - c. Bacteria
 - d. Parasites



9. _____ mostly decreases the survival of critical victims in a Mass

Causality Incident.

- a. Valuable resources
- b. Poor communication
- c. Little attention
- d. Inadequate transportation

10. Avoidance of diseases through provision of pre-medication is termed _____.

- a. Communicable
- b. Endemic
- c. Epidemic
- d. Vaccine preventable



SECTION B: True/False questions.

[10 Marks]

Indicate if the statement is True or False

1. Overcrowding leads to the spread of pathogenic agents.
2. Hepatitis A, E, F can be spread by blood.
3. Surveillance of disease is essential during disasters.
4. Disease control should be evaluated often to ensure effectiveness.
5. Donors are involved during internal program evaluation.
6. Tagging of patients during a mass casualty incident does vary according to countries.
7. Health education is limited to the problem of communicable disease in a community.
8. Ambulances are part of the emergency medical unit in a mass casualty incident.
9. One of the goals in a mass causality incident s to minimise disability.
10. Triage is essential if health facilities cannot cater for all disaster victims.



SECTION C: Short answer questions.

[30 Marks]

Answer all questions in this section.

QUESTION 1

Define the following terms:

- a. Endemic diseases. **(2 marks)**
- b. Vaccine-preventable diseases. **(2 marks)**
- c. Individual population. **(2 marks)**
- d. Acute respiratory infections. **(2 marks)**
- e. Diarrhoeal diseases. **(2 marks)**

QUESTION 2

With relevant examples, explain each of the following communicable diseases:

- a. Diseases transmitted by contact. **(2 marks)**
- b. Vector transmitted diseases. **(2 marks)**
- c. Disease can also be transmitted through faecal matter. **(2 marks)**
- d. Diseases transmitted through breathing. **(2 marks)**
- e. Sexually transmitted diseases. **(2 marks)**

QUESTION 3

- a. Differentiate between internal and external programmes evaluation. **(4 marks)**
- b. Explain three (3) levels of intervention. **(4 marks)**
- c. List two (2) communicable diseases common in Ngamiland. **(2 marks)**



SECTION D: Essay-type questions.

[50 Marks]

Answer any two questions in this section.

QUESTION 1

Discuss any five (5) risk factors contributing to the spread of communicable disease outbreak. **(25 marks)**

QUESTION 2

Highlight the transportation procedures applied during a mass casualty incident. **(25 marks)**

QUESTION 3

- a) Discuss minimum standards used to evaluate communicable disease programmes in emergencies. **(15 marks)**

- b) Describe in detail the key indicators used to evaluate communicable disease programmes in emergencies. **(10 marks)**

END OF THE PAPER!