



Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF **ENVIRONMENT AND HEALTH SCIENCE**

DIPLOMA IN ENVIRONMENTAL HEALTH (DEH 012J)

DIPLOMA IN COMMUNITY HEALTH (DCH 011M)

AES 2206 : DISASTER MANAGEMENT

SEMESTER: END OF SEMESTER EXAMINATIONS

SERIES: DECEMBER, 2013

TIME: 2 HOURS

INSTRUCTIONS TO CANDIDATES:

You should have the following for this paper

- *Answer booklet*

This paper consists of **FOUR** questions.

Answer Question **ONE (compulsory)** and any other **TWO** questions

*This paper consists of **THREE PRINTED** pages*

(Compulsory – Answer ALL Questions)

Question ONE

(a) Define the following terms:

- (i) Disaster **(1 mark)**
- (ii) Risk **(1 mark)**
- (iii) Natural disaster **(1 mark)**
- (iv) Mitigation **(1 mark)**

(b) Briefly explain the role of media in disaster management. **(3 marks)**

(c) Identify **THREE** main communicable diseases common in disaster situations. **(3 marks)**

(d) Outline **THREE** modern responses to disaster. **(3 marks)**

(e) Briefly explain **THREE** roles and responsibilities of stakeholder in disaster management. **(3 marks)**

(f) Distinguish between pyroclastic flows and volcanic ash. **(3 marks)**

(g) Briefly explain the following terms:

- (i) An epidemric **(3 marks)**
- (ii) Solar flares **(3 marks)**

(h) Name **TWO** types of space disasters. **(2 marks)**

(i) Briefly explain how political instabilities contribute to the vulnerability of a population to disasters. **(3 marks)**

(Answer Any Other TWO Questions)

Question TWO

State and describe **THREE** main disasters to which your country is, or may be vulnerable to.

(15

marks)

Question THREE

(a) Define the term culture. **(3 marks)**

(b) Explain how culture contributes to people's response to education and public awareness programmes. **(12 marks)**

Question FOUR

With the help of a diagram, explain the disaster management cycle.

(15 marks)

Question FIVE

Discuss **FIVE** main aims of disaster response.

(15 marks)