



# Technical University of Mombasa

*Faculty of Applied and Health Sciences*

**DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES**

DIPLOMA IN ENVIRONMENT AND HEALTH  
DIPLOMA IN COMMUNITY AND HEALTH  
(DEH 12J/DCH 11M )

**AES 2206 : DISASTER MANAGEMENT**

**SUPPLEMENTARY/SPECIAL: EXAMINATIONS**

**SERIES: MARCH 2014**

**TIME: 2 HOURS**

**INSTRUCTIONS:**

You should have the following for this paper

- *Answer booklet*

This paper consists of **FIVE** questions.

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

### **QUESTION ONE**

- a) Define the following terms:
  - (i) Disaster management (1 mark)
  - (ii) Hazard (1 mark)
  - (iii) Emergency (1 mark)
  - (iv) Vulnerability (1 mark)
- b) Briefly explain the importance of disaster mitigation (3 marks)
- c) Identify three factors that increase the likelihood of disease outbreak in disaster situations (3 marks)
- d) List three disaster response Activities (3 marks)
- e) Name three categories of stakeholders in disaster management (3 marks)
- f) Distinguish between Tsunami and Lummic eruptions (2 marks)
- g) Briefly explain the following disasters
  - (i) Super cell tornadoes (3 marks)
  - (ii) Land sprout (3 marks)
- h) Name two types of health and disease disasters. (2 marks)
- i) Briefly explain how geographical isolation contributes toward the Vulnerability of a population to disaster. (3 marks)

### **QUESTION TWO**

Describe how a community- based action plan for disaster management can be actively implemented (15 marks)

### **QUESTION THREE**

Identify the stages of disaster recovery and outline associated problems for each stage. (15 marks)

### **QUESTION FOUR**

Identify one disaster and discuss the adverse effects that particular disaster has left on Kenya as a Country. (15 marks)

## **QUESTION FIVE**

Discuss the role of International Organisations in disaster Management.

**(15 marks)**