



# TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES

## DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN

COMMUNITY HEALTH

**BSCH 14J**

### **APH 4411: DISASTER PREPAREDNESS AND RESPONSE**

SEMESTER EXAMINATION

May 2016

2 HOURS

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#### **INSTRUCTIONS TO CANDIDATES**

*This paper consists of **FIVE** questions*

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

*This paper consists of two **PRINTED** pages*

## QUESTION ONE

- (a) Define the following terms:-
- i. A Technological Hazard **(2 marks)**
  - ii. Disaster Risk Reduction **(2 marks)**
- (b) Outline any **THREE** antifire practices **(3 marks)**
- (c) State any **FOUR** recent man-made disasters in Kenya **(4 marks)**
- (d) Explain any **THREE** challenge facing Early warning systems **(6 marks)**
- (e) State any **FOUR** key stakeholders in tackling a disaster occurrence **(4 marks)**
- (f) State any **FIVE** causes of emergencies **(5 marks)**
- (b) Show how poverty impacts on communities ability to deal with disasters **(4 marks)**

## QUESTION TWO

- a) Bundalangi in Kenya is a flood prone area. Explain how the community in this area can prepare themselves in order to reduce the impact of the floods **(10 marks)**
- b) Show the relationship between disaster and development **(10 marks)**

## QUESTION THREE

Describe the important phases of disaster cycle **(5 marks)**

## QUESTION FOUR

What is the role of health provider in disaster management in a community setting **(20 marks)**

## QUESTION FIVE

- a) Highlight the essential features community based Disaster Management **(12 marks)**
- b) Define vulnerability and discuss the process of vulnerability analysis **(8 marks)**