



**Technical University of Mombasa**  
**Faculty of Applied and Health Sciences**

DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCE  
CERTIFICATE IN COMMUNITY HEALTH AND HIV MANAGEMENT

(CCH 12S)

**ACM 1102: FUNDAMENTALS OF COMMUNITY HEALTH**

**SPECIAL/SUPPLEMENTARY: EXAMINATIONS**

**SERIES:** February 2013

**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

*This paper consists of 2 PRINTED pages*

### **Question ONE**

- a) Define the following terms
  - (i) Blended family (1mark)
  - (ii) Community (1mark)
- b) Explain how the following community subsystems influence health
  - (i) Environmental system (1mark)
  - (ii) Religious system (1mark)
  - (iii) Cultural system (1mark)
  - (iv) Political system (1mark)
- c) List points to remember when preparing to give health education (3marks)
- d) Name the members of DHMT (5marks)
- e) Explain the primary prevention of diseases giving examples (4marks)
- f) List some factors within the host that determine its interaction with the agent (5marks)
- g) Differentiate between infant mortality rates and child mortality rates (2marks)
- h) State the formula to work out the following
  - (i) Incidence rate (1mark)
  - (ii) Prevalence rate (1mark)
  - (iii) Case fatality (1mark)
- i) Explain the term agent (2marks)

### **Question TWO**

Describe the functions of a family (15marks)

### **Question THREE**

Discuss community health under the following subheadings

- a) AIMS of community health (4marks)
- b) Goals of Community health (3marks)
- c) Benefits of community health (5marks)
- d) Activities of community health (3marks)

### **Question FOUR**

Outline the principles of community health (15marks)

### **Question FIVE**

Discuss methods used to collect demographic data (15marks)