



# Technical University of Mombasa

(A Centre of Excellence)

***Faculty of Applied and Health Sciences***

DEPARTMENT OF **ENVIRONMENT AND HEALTH SCIENCE**

DIPLOMA IN COMMUNITY HEALTH AND HIV MANAGEMENT

DIPLOMA IN ENVIRONMENTAL AND HEALTH

(DCH 12J, DEH 10M)

**APH 2306: HUMAN POPULATION STUDIES & 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) Explain any SIX of Ravenstein's migration laws (6marks)
- b) Explain FIVE causes of population displacement (5marks)
- c) Briefly describe women empowerment as a tool for population control (4marks)
- d) State and briefly explain FIVE types of human settlements based on size (5marks)
- e) Briefly explain TWO factors that define the size of a population (4marks)
- f) Explain THREE factors that define a migratory move (3marks)
- g) Briefly describe the concept of urban heat island (3marks)

**Question TWO**

Compare and contrast urban and rural settlements (15marks)

**Question THREE**

Discuss health issues arising from slum settlements (15marks)

**Question FOUR**

In 1973, 840,000 live births were recorded in Kenya and midyear population was 10,320,410. In the same year, 340,259 deaths, 89,430 out migrants and 19,108 immigrants were recorded.

- a) Calculate crude Death Rate, crude Birth and Rate of Natural increase (6marks)
- b) Calculate in migration Rate, out migration Rate and Net migration (6marks)
- c) Determine population by the end of 1973 and explain the growth (3marks)

**Question FIVE**

Discuss the process of demographic transition (15marks)