



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)

APH 1101: FOUNDATION OF ENVIRONMENTAL 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) Describe underground water (4marks)
- b) Explain economic and political components of environment (4marks)
- c) Highlight FOUR sources of water (4marks)
- d) Outline FOUR ways to protect spring water (4marks)
- e) Illustrate THREE water quality interventions in the household (3marks)
- f) Highlight TWO principles of food preservation (4marks)
- g) Describe THREE surface water bodies (3marks)
- h) Explain TWO foods that are perishable (4marks)

Question TWO

Illustrate malaria life cycle in human and mosquito (15marks)

Question THREE

- a) Explain FIVE factors for suitable building sites (5marks)
- b) Highlight EIGHT characteristics of poor housing (8marks)
- c) State TWO biological criteria of good housing (2marks)

Question FOUR

- a) Highlight SIX factors to be considered during preparation of food (12marks)
- b) Outline THREE methods of food preservation through heat treatment (3marks)

Question FIVE

- a) Compare and contrast cooking and sterilization (3marks)
- b) Highlight SIX physical components of the environment (6marks)
- c) Explain SIX water uses (6marks)