



Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES

CERTIFICATE IN COMMUNITY HEALTH AND HIV MANAGEMENT
(CCH 13M)

APH 1101 : FUNDAMENTAL OF ENVIRONMENTAL HEALTH

SPECIAL/SUPPLEMENTARY: EXAMINATIONS

SERIES: OCTOBER 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 the water cycle (2marks)
- (b) Define environment (1mark)
- (c) Briefly explain the relationship between environment and health. (3marks)
- (d) State THREE water washed diseases. (3marks)
- (e) List THREE advantages of underground water (3marks)
- (f) Briefly explain any THREE food safety measures by the government. (3marks)
- (g) Briefly explain any TWO methods that can be used to preserve milk (4marks)
- (h) Explain TWO ways that can be used to test water (4marks)
- (i) Explain why proper disposal of excreta is very important. (3marks)
- (j) State THREE methods of waste disposal. (3marks)
- (k) Define pollution. (1mark)

Question TWO

Discuss water purification process (15marks)

Question THREE

Explain the control measures taken by the health sector for the following vectors in Mombasa Country.

- (i) Mosquitoes (5marks)
- (ii) Rodents (5marks)
- (iii) House flies (5marks)

Question FOUR

Describe how TWO water sources can be protected to avoid water contamination. (15marks)

Question FIVE

Discuss how THREE physical conditions can affect the environment. (15marks)