



# **Technical University of Mombasa**

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

DEPARTMENT OF **ENVIRONMENT AND HEALTH SCIENCE**

DIPLOMA IN COMMUNITY HEALTH AND HIV MANAGEMENT (DCHM 12S)

DIPLOMA IN ENVIRONMENTAL AND HEALTH (DEH 11M)

DIPLOMA IN NUTRITION AND HEALTH (DNH 12S)

## **APH 2102 : FOUNDATIONS 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) Define environment. (2marks)
- b) Explain how cholera can be controlled (4marks)
- c) Explain THREE:
  - (i) Advantages of rain water. (3marks)
  - (ii) Disadvantages of rain water (3marks)
- d) (i) Name TWO water sources (2marks)
  - (ii) Describe bacteriological analysis of water, used in testing water. (4marks)
  - (iii) Explain the difference between biodegradable and non-biodegradable refuse. (4marks)
- e) Identify any THREE classes of hospital refuse (3marks)
- f) Draw a house hold water filter (Candle filter) (4marks)
- g) Define Hazardous waste. (1mark)

**Question TWO**

- a) Explain the importance of safe excreta disposal (7marks)
- b) Discuss the advantages of pit-latrines in rural communities (8marks)

**Question THREE**

- a) Describe how water contamination is caused (8marks)
- b) Describe how a spring can be protected to prevent water contamination. (7marks)

**Question FOUR**

Discuss the main water cleansing methods. (15marks)

**Question FIVE**

Describe a criteria for an adequate house. (15marks)