



Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES

DIPLOMA IN ENVIRONMENTAL HEALTH
DIPLOMA IN NUTRITION AND HEALTH
(DNH 12J & DEH 11M)

APH 2208 : PUBLIC HEALTH

SUPPLEMENTARY/SPECIAL : EXAMINATIONS

SERIES: MARCH 2014

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

QUESTION ONE

- a) State the main goals of safe water system (6 marks)
- b) Define what is waste (2 marks)
- c) State two types of waste you know (2 marks)
- d) List five problems which can arise as result of improper disposal of solid waste (5 marks)
- e) List five classes or groups of solid waste (5 marks)
- f) State five characteristics of a good container or standard dust bin for the storage of solid waste. (5 marks)
- g) List five advantages of proper waste disposal (5 marks)

QUESTION TWO

State and explain five methods of solid waste disposal (15 marks)

QUESTION THREE

- a) Define food preservation (2 marks)
- b) Explain four reasons for food preservation (8 marks)
- c) Briefly explain four methods under heat treatment of food as methods of food preservation (5 marks)

QUESTION FOUR

Explain the various ways to be observed on personal hygiene when preparing food to prevent disease (15 marks)

QUESTION FIVE

- a) Define what is a vector (2 marks)
- b) State and briefly explain four ways that a vector may transmit pathogens (12 marks)
- c) Define what is a pathogen (1 mark)