



Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES

DIPLOMA IN NUTRITION HEALTH
(DNH 11M)

APH 2302 : PUBLIC 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) State FOUR objectives of public Health **(4marks)**
- b) State FOUR functions of public health programs **(4marks)**
- c) Briefly explain FOUR manifestation of microbial food spoilage **(4marks)**
- d) Briefly explain the potential public health effects of colours as food additives **(4marks)**
- e) State FOUR principal sources of wastes in the dairy field **(4marks)**
- f) Define the following terminologies as used in public Health
 - (i) Hygiene
 - (ii) Food spoilage
 - (iii) Public Health
 - (iv) Preservative**(4marks)**
- g) Explain the essential elements of modern public Health practice **(4marks)**
- h) List FOUR methods used in food preservation **(2marks)**

Question TWO

Discuss the process of meat inspection in a slaughter house **(20marks)**

Question THREE

Malnutrition is public health problem in most communities in Kenya. Describe the causes of malnutrition in the house holds **(20marks)**

Question FOUR

- a) Explain the principles of food preservation **(10marks)**
- b) Explain factors which make food kiosks in most areas potential hazards to public. **(10marks)**

Question FIVE

- a) Aftoxins poses health risks to the population in most parts of country. Describe conditions to occurrence of aflatoxicosis **(10marks)**
- b) Explain the prevention of microbial food spoilage. **(10marks)**