



Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES

DIPLOMA IN NUTRITION AND HEALTH
(DNH 11M / 12S)

ANH 2207 : NUTRITION IN EMERGENCY

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

This paper consists of 2 PRINTED pages

QUESTION ONE

- a) Explain the following terms: **(4 marks)**
 - (i) Disaster
 - (ii) Targeting
- b) Differentiate between technological and natural disaster **(4 marks)**
- c) Explain the cause of morbidity and mortality in emergency. **(3 marks)**
- d) List five factors contributing to poor nutritional status in emergency **(5 marks)**
- e) Explain the general food ration in emergency **(3 marks)**
- f) State five adverse effects of micronutrient deficiency in an emergency situation **(5 marks)**
- g) Explain the term fortification as used in food ration **(2 marks)**

QUESTION TWO

Discuss the consequences of emergency to a displaced population **(15 marks)**

QUESTION THREE

- a) Explain the factors considered when calculating the energy requirements of a population in emergency **(12 marks)**
- b) Timing is crucial in emergency intervention . Explain **(3 marks)**

QUESTION FOUR

Discuss three manmade factors which contribute to emergencies. **(15 marks)**

QUESTION FIVE

As a nutritionist in a refugee camp explain the steps to take in handling the following:

- a) Determine the food ration **(7 ½ marks)**
- b) Designing the food ration **(7 ½ marks)**