



Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES

DIPLOMA IN NUTRITION AND HEALTH
(DNH 125)

ANH 2307 : FOOD SECURITY

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 3 PRINTED pages

QUESTION ONE

- a) (i) State the millennium Development goal (MDG) that directly relate to food security. (2 marks)
- (ii) Define the term food security (2 marks)
- (iii) Briefly explain how education influences food security in a household. (4 marks)
- b) (i) Define agro-forestry. (2 marks)
- (ii) Give four characteristics of agro-forestry (4 marks)
- (iii) State the three characteristics of food insecure people. (3 marks)
- c) Differentiate transitory food insecurity and chronic food insecurity. (4 marks)
- d) Describe food purchase as a method of acquiring food in the community. (4 marks)
- e) Briefly explain how food stocks ensure food security. (5 marks)

QUESTION TWO

- a) Explain five causes of food insecurity in Kenya. (10 marks)
- b) State five interventions to food insecurity (5 marks)

QUESTION THREE

- a) Describe the four concepts of food security (8 marks)
- b) Outline five parameter of change applicable in agricultural sector that would avert food insecurity scenario. (5 marks)
- c) Briefly explain safety nets in relation to food security. (3 marks)

QUESTION FOUR

- a) Identify five contributions of the agricultural sector to the economy and therefore to the country's food security. (5 marks)
- b) Explain five benefits of Agro-forestry and multi-purpose plants in relation to ensuring food security. (10 marks)

QUESTION FIVE

- a) Define the term poverty. **(1 mark)**
- b) State four root causes of poverty in developing countries. **(4 marks)**
- c) Describe how poverty contributes to food insecurity in Kenya **(10 marks)**