



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2010/2011
SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE (FOOD, NUTRITION AND DIETETICS)
HFN 402: FOOD AND NUTRITION SECURITY

DATE: Friday 1st April 2011

TIME: 11.00a.m – 1.00p.m

INSTRUCTIONS:

SECTION A

Answer ALL questions

1. a) Define Livelihoods
 b) Define Household [5marks]
2. With the aid of a diagram, show the set up of the Kenya Food Security Coordination System. [5marks]
3. Explain the problems associated with the use of Food Balance Sheet as a source of information for food security of a country. [5marks]
4. Explain the use of the phase household economy in food security analysis. [5marks]
5. Identify characteristics of the vulnerable groups. [5marks]
6. Show the steps in market chain analysis. [5marks]

SECTION B

Attempt ANY TWO Questions

7. a) Distinguish between direct and proxy measurement of food security
 b) Explain how direct food security measurement can be done
 c) Explain how to set up a coping strategy index (CSI) [20marks]
8. a) i) Explain the principle of conservation agriculture
 ii) List the advantages of conservation agriculture
 iii) Explain the benefits form conservation agriculture
 b) i) What is value added chain as used in agriculture?
 ii) Using one example of a food crop, explain the process of value addition chain [20marks]
9. a) Explain the effect of macroeconomic policies on household food security
 b) Explain the methods the government uses to improve access to food in the household. [20marks]