



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

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MAIN EXAMINATION

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MAY – AUGUST 2021

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DEPARTMENT OF COMMUNITY HEALTH AND DEVELOPMENT

REGULAR PROGRAMME

CHD 434: FOOD SECURITY

Date: AUGUST 2021

Duration: 3 Hours

INSTRUCTIONS: Provided for in the sections

Section A: Answer all questions (30 MARKS)

- Q1. Define food security (1 mark)
- Q2. Differentiate using examples the following types of malnutrition: Acute and chronic malnutrition (4 marks)
- Q3. Explain the following dimensions of food security (5 marks)
- a) Accessibility
 - b) Availability
 - c) Stabilization
 - d) Nutrient utilization
 - e) Safety
- Q4. State four categories of coping strategies of food insecurity (4 marks)

Q5. Explain the key information collected on food availability at National level in food monitoring. **(6 marks)**

Q6. Explain how HIV positive people cope with food insecurity in the Kenyan community. **(4 marks)**

Q7. Explain how the following economic policies affect food security at national level. **(6 marks)**

- a) Fiscal policy
- b) Monetary policy
- c) Trade liberalization

Section B: Answer question ONE and any other ONE question. (40 MARKS)

Q1. You are an expert in community nutrition and food security and face the following scenarios:

a) As community health expert working with an international NGO, you carry out a research on causes of malnutrition in an interior county in Kenya. You find a high prevalence of malnutrition related to primary and secondary causes. List the primary and secondary causes that you may find. **(4 marks)**

b) You are working in a community in a rural area, among people experiencing various vulnerabilities to food security. In order to deal with livelihoods and food security, you aim to “Assess the ability to deal with shocks and problems that could lead to decreased food security of a population highly affected disease.” Discuss the key questions that the assessment will try to answer. **(8 marks)**

- c) You establish various food security coping strategies in your community. These coping strategies can sometimes have an underlying risk which increases vulnerability. Describe using four examples. **(8 marks)**

Q2.

- a) Describe the set-up of food security information system in Kenya **(8 marks)**
b) Discuss food and nutrition security monitoring system. **(7 marks)**
c) Discuss two challenges that Kenya might have in addressing food supply issues in relation to population. **(5 marks)**

Q3.

- a) Explain two direct methods of community nutritional status assessment. **(10 marks)**
b) Imagine you have an assignment to go back to your community to serve for three months to try and convince the people to change some food habits that might be compromising their food security. Explain the key points you would address to change their food habits. **(10 marks)**

END