



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

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MAIN EXAMINATION

SEPTEMBER –DECEMBER 2021

FACULTY OF SCIENCE

DEPARTMENT OF COMMUNITY HEALTH AND DEVELOPMENT

REGULAR PROGRAMME

CHD 434: FOOD SECURITY

Date: DECEMBER 2021

Duration: 3 Hours

INSTRUCTIONS: Answer ALL Questions

SECTION A: SHORT ANSWER QUESTIONS (ANSWER ALL QUESTIONS):

30

MARKS

1. Define food security. (1 mark)
2. Define household food security. (2 marks)
3. Food Security at household level is best measured by (1 mark)
4. Food Security at an individual level is best measured by_____. (1 mark)
5. The Kenya national Food security and nutrition policy will achieve food security through three main focus areas namely: (3 marks)
6. State the three dimensions of food security that need to be measured at the community level. (3 marks)
7. List any 4 reasons why a household may be vulnerable to food insecurity and malnutrition when livelihoods collapse. (4 marks)
8. State the four phases of food security assessment. (4 marks)

9. For a food production system to ensure “availability” of food for the entire population at all time it must meet four key criteria namely: **(4 marks)**
10. Describe the process of establishing a food security and nutrition policy. **(7 marks)**

SECTION B: ANSWER ALL QUESTIONS. 40 MARKS

11. You are an expert in community nutrition and food security and face the following scenarios:
- i. 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)**
 - ii. You are working in a community in rural, 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)**
 - iii. You establish various food security coping strategies in your community. These coping strategies can sometimes have an underlying risk which increases vulnerability. Describe using eight (8) examples. **(8 marks)**
12. You have recently started work as a food security officer with an NGO in a semi arid region in Kenya.
- i. Outline you will normally use to collect primary information in a food security assessment. **(8 marks)**

- ii. Discuss the three broad strategies around which you will guide stakeholders to implement food security interventions in this community.

(12 marks)

END

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