AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
DIPLOMA IN COMMUNITY HEALTH PRACTICE

END OF MAY-AUGUST 2024 SEMESTER EXAMINATIONS

UNIT CODE: DCHP 213

UNIT NAME: FOOD SECURITY

DATE: TUESDAY 6TH AUGUST 2024
TIME: TWO HOURS
START: 11.00 AM   **STOP:** 1.00 PM

INSTRUCTIONS
1. This exam is marked out of 60 marks
2. This Examination comprises TWO Sections
   Section A: Compulsory Question (20 Marks)
   Section B: Long Answer Questions (40 Marks)
3. This exam shall take TWO Hours

SECTION A: COMPULSORY (20 Marks)

1. List the three (3) pillars of Food Security (3 marks)

2. Define the following

   a) Food security (1 marks)

   b) Nutrition Security (1 marks)

3. Identify the three (3) categories of Food Security (3 marks)

4. The vulnerability context refers to unpredictable events that can undermine livelihoods and cause households to fall into poverty. List any six (6) examples of vulnerabilities that a community or household are likely to suffer (3 marks)

5. Identify two (2) objectives of a comprehensive livelihood analysis assessment (2 marks)

6. The government of Kenya has initiated numerous food security policies from the 1980s. Identify three reasons that have led to limited progress of these policies (3 marks)

7. The following is data collected from two families on the total percentage share of expenditure on food. Classify their food security

   a) 67

   b) 45 (1 marks)

8. Identify any two (2) nutrition indicators of food security (2 marks)

9. Identify two (2) roles of global early warning and information system (2 marks)

SECTION B

ANSWER ANYTWO (2) QUESTIONS (40 Marks)

10. You have been chosen as a member of the steering committee in your county to address the perennial food insecurity experienced in your county.

    a) To address this, challenge a rapid assessment of the County may be necessary. Explain five objectives of a rapid assessment (5 marks)

    b) As the expert discuss any five determinants of food security and indicate how they would be playing out in your County (10 marks)

    c) A county food security policy would be a key deliverable of this assignment. Outline five qualities of a good policy (5 marks)

11. The idea of assets is central to the sustainable livelihoods approach.

    a) Describe any five (5) types of assets or capital that are needed in order to make a living   (10 marks)

    b) Discuss five coping strategies used in your community during periods of food insecurity   (10 Marks)

12. Climate change has caused a lot of challenges to food security at all levels. In response to this, climate smart agriculture has been promoted as a sustainable solution to food insecurity

    a) Highlighting relevant examples, discuss any five of the innovative and sustainable strategies that are being used in Kenya.   (15 marks)

    b) Describe how space technologies are being used as early warning systems in relation to climate change   (5 marks)