



MACHAKOS UNIVERSITY

University Examinations 2021/2022

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN AND MARKETING

FOURTH YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE (COMMUNITY RESOURCE MANAGEMENT)

HCM 408: COMMUNIT FOOD SECURITY

DATE: 14/12/2021

TIME: 8:30 – 10:30 AM

INSTRUCTIONS

This paper consists of **Five** questions.

Answer Question 1 and any other **Two** questions

Question 1 carries 30 marks

Question 2-5 carry 20 marks each

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Define the following terms
- i. Nutritional status (2 marks)
 - ii. Malnutrition (2 marks)
 - iii. Undernourishment (2 marks)
 - iv. Food (2 marks)
 - v. Poverty (2 marks)
- b) Describe the three (3) anthropometric assessments used in nutritional assessment. (10 marks)
- c) Highlight on the common mortality rates that would be indicative of food insecurity in a community (10 marks)

QUESTION TWO (20 MARKS)

- a) You have been invited to be part of food security analysis committee in your community. Discuss five components of the DFID Sustainable Livelihood Framework that would form the basis of your analysis (15 marks)
- b) Describe **five (5)** coping strategies that families living along River Nyando can adopt in the event of floods to reduce food insecurity (5 marks)

QUESTION THREE (20 MARKS)

- a) As part of team assessing food insecurity in your County, highlight on the limitations of using Food Insecurity (Access) Scale Occurrence Questions. (10 marks)
- b) Some of your classmates have been chosen to be part of a research team of a local organization implementing climate smart solutions in Turkana. Discuss four advantages of using Household Dietary Diversity Score (HDDS). (10 marks)

QUESTION FOUR (20 MARKS)

- a) Household food insecurity is a important discussion for any County in Kenya. Elaborate on five advantages of using Food Insecurity (Access) Scale Occurrence Questions. (10 marks)
- b) You have been tasked with assessing household food security in Tana-river area as the led researcher in your team, explain the main tools you will use for this assessment. (10 marks)

QUESTION FIVE (20 MARKS)

Household food security is a key discussion for every development enthusiast. Discuss five emerging issues related to food security