



# MACHAKOS UNIVERSITY

University Examinations For 2023/2024 Academic Year

SCHOOL OF AGRICULTURE, ENVIRONMENT AND HEALTH SCIENCES

DEPARTMENT OF ENVIRONMENTAL SCIENCES

FOURTH YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE (COMMUNITY RESOURCE MANAGEMENT)

HCM 408: COMMUNITY FOOD SECURITY AND LIVELIHOODS

DATE:

TIME:

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**Instructions: Answer question ONE and any other TWO questions**

## QUESTION ONE (30 MARKS)

- a) Explain the following:
- i. Food security (2 marks)
  - ii. Sustainable livelihoods (2 marks)
  - iii. Vulnerability (2 marks)
  - iv. Livelihood framework (2 marks)
- b) As a consultant hired to assess community food security in your county, discuss the key components you would consider in the assessment (12 marks)
- c) Explain the main types of assets that influence sustainability of community livelihoods (10 marks)

## QUESTION TWO (20 MARKS)

- a) Explain the key information required to determine food insecurity in a community (10 marks)
- b) Explain the key objectives of a community livelihood assessment (10 marks)

## QUESTION THREE (20 MARKS)

Discuss the main linkages between different Sustainable Development Goals (SDGs) and community food security

## QUESTION FOUR (20 MARKS)

Discuss the main components of the sustainable livelihood framework and their relevance when looking at the complexity of people's livelihoods

## QUESTION FIVE (20 MARKS)

Discuss the measures you would recommend to ensure sustainable community food security in the drylands in Kenya