



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:

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