



MACHAKOS UNIVERSITY

University Examinations for 2022/2023 Academic Year

SCHOOL OF AGRICULTURE, ENVIRONMENT AND HEALTH SCIENCES

DEPARTMENT OF ENVIRONMENTAL SCIENCES

FOURTH YEAR FIRST 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 (COMPULSORY)(30 MARKS)

- a) Explain the following:
- i. Food security (2 marks)
 - ii. Livelihood Systems (2 marks)
 - iii. Coping strategies (2 marks)
 - iv. Vulnerability (2 marks)
 - v. Sustainable livelihood framework (2 marks)
- b) Explain the potential impacts of livelihood assets on households' livelihood security (10 marks)
- c) Explain the potential impacts of climate change on community food security in Kenya (10 marks)

QUESTION TWO (20 MARKS)

- a) Explain the main dimensions of community food security (10 marks)
- b) Explain the key aims of a community livelihood assessment (10 marks)

QUESTION THREE (20 MARKS)

“Food security is indeed paramount for meeting the 2015–2030 UN Sustainable Development Goals”. Discuss this statement using suitable examples

QUESTION FOUR (20 MARKS)

Discuss the measures you would recommend to ensure sustainable food security and livelihoods in your county

QUESTION FIVE (20 MARKS)

Discuss the framework that can be used to assess livelihoods security in your county