



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF AGRICULTURAL AND FOOD SCIENCES
FOURTH YEAR SEMESTER ONE UNIVERSITY EXAMINATION FOR THE DEGREE OF
BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION AND EXTENSION
2022/2023 ACADEMIC YEAR

SIAYA CAMPUS

COURSE CODE: AAE 3416

STREAM: BSc. AGED

COURSE TITLE: Community Health and Food Security. Date:

Instructions:

Answer ALL questions in Section A and ANY other TWO questions in Section B.
Answers to Questions must be written in the Answer Booklets
Candidates must hand in their answer booklets to the invigilator while in the examination room.

SECTION A: [30 Marks]: Answer ALL questions in this section

1. Briefly explain the following terms.
 - a) Food security [2 Marks]
 - b) Primary Health Care [2 Marks]
 - c) Community health [2 Marks]
 - d) Environmental health [2 Marks]
 - e) Explain why food security is highly related to community health [2 marks]

2. What do you understand by the term pandemic? Explain how it begins and how it can be controlled as discussed in community health and food security? [6 Marks]

3. Define the three categories of health in community health and food security sector by distinguishing their relationship in well being. [6 Marks]

4. Briefly discuss FOUR complex emergencies that may impact community health and food security in a nation. Give relevant examples. [8 Marks]

SECTION B: [40 Marks] Answer any TWO questions in this section

1. Healthcare costs may be greatly reduced by improving the nutritional well-being of community members, especially those who are at risk of poorer health status.
 - a) Name and discuss at least FOUR determinants of community health giving relevant examples. [6 Marks]
 - b) Discuss any FOUR government intervention strategies for improving community food security in Kenya and give specific examples where they have been implemented. [14 Marks]

2.
 - a). Define and discuss any FIVE advantages of Problem Based learning in community health and nutrition (PBL). [10 Marks]

 - b). What do you understand by the term pandemic as discussed in class? Cite specific examples in Kenya and how they have been managed. [10 Marks]

3.
 - a). Discuss the historical developments that led to community food security as a public health issue. [10 Marks]

 - b). Discuss any FIVE types of disasters that may impact community health and food security and suggest probable remedies for the community. [10 Marks]