



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY  
SCHOOL OF HEALTH SCIENCES**

**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE  
PUBLIC HEALTH/ COMMUNITY HEALTH AND DEVELOPMENT**

**1ST YEAR 1<sup>st</sup> SEMESTER 2019/2020 ACADEMIC YEAR**

**KISII CAMPUS**

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**COURSE CODE: AFB 3111**

**COURSE TITLE: INTRODUCTION TO FOOD SECURITY**

**EXAM VENUE: STREAM: (BSc. P. Health / Comm Hlth & Dev)**

**DATE: 2019 EXAM SESSION:**

**TIME: 2.00 HOURS**

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**Instructions:**

- 1. Answer all questions in section A and any other 2 questions in Section B.**
- 2. Candidates are advised not to write on the question paper**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room**

**SECTION A Answer all questions in this section (30 marks)**

1. What do you understand by the term fortified food?( 2 marks)
2. Name any two nutrients found in food( 2 marks)
3. List two sources of food ( 2 marks)
4. Describe the factors affecting people`s availability to food ( 3 marks)
5. Explain in detail the meaning of the following terminology. Food utilization as a component of food security( 3 marks)
6. Mention the role of the international national and private organizations toward the goal of relieving world hunger. Giving the relevant examples( 3 marks)
7. Consumers can protect themselves and others by reporting incidents involving unsafe, unsanitary mislabeled food to the appropriate agencies. Explain(3 marks)
8. Outline three methods to access food and nutrition security at the household level( 3 marks)
9. (a)What is the concept of food security( 2 marks)  
(b) What are the components of food security (2 marks?)  
(c) What is important for food security (2 marks?)
10. Mention any two attributes of food quality( 2 marks)

**SECTION B Answer any two Questions (40 Marks)**

1. Discuss the implications of population growth to the food industry ( 20 marks)
2. Explain the measures taken by the Kenyan government to address food security (20 marks)
3. Explain the influence of culture and civilization on food consumption in Kenya ( 20 marks)
4. Discuss the principles of handling processing and preservation of food( 20 marks)