



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY  
SCHOOL OF AGRICULTURAL AND FOOD SCIENCES  
UNIVERSITY EXAMINATION FOR DEGREE OF BACHELOR OF SCIENCE IN  
FOOD SECURITY**

**SECOND YEAR SECOND SEMESTER 2013/2014 ACADEMIC YEAR**

**REGULAR**

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**COURSE CODE: AFB 3222**

**COURSE TITLE: Household Food Distribution**

**EXAM VENUE:LR 3**

**STREAM: BSc (Food Security)**

**DATE:9/12/14**

**EXAM SESSION: 9.00 – 11.00 AM**

**TIME: 2.00 HOURS**

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- 1. Instructions Answer ALL question in Section A (compulsory) and ANY TWO 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 [30 MARKS]**

1. (a) Based on typical ethnic set ups in Kenya, explain the following terms: [10 marks]
- i. Family.
  - ii. Household.
  - iii. Community.
  - iv. Coping strategies.
  - v. Adopting strategies.
- (b) What is household livelihood? [1 mark]
- (c) Identify and explain the three biological livelihood stress mechanisms normally applied by household members in the event of food insecurity. Give example in each. [6 marks]
- (d) Briefly describe household food distribution measurement(s) you would use to measure the livelihood indicators? [3 marks]
- (e) Shocks and risks are abound in households in any community. Identify and describe at least six intra-household risks that a family may contend with in food distribution. [10 marks]

**PART B [40 MARKS]**

2. With reference to the treatise of the family, explain the shortfall of the economic model that implies that household income and food resources are pooled and allocated to maximize collective welfare of all in the family. Clearly list and discuss at least five (5) points. [20 marks]
3. Briefly describe at least five (5) household food distribution indicators that Kenya government may rely on to monitor food distribution in communities. [20 marks]
4. In a class presentation, it was mentioned that methods of collecting data on food security is community and area specific. You have been posted for attachment at some informal settlement scheme to develop food security programmes for vulnerable families. [20 marks]
- a). Identify the key aspects and briefly describe how you would determine the number of people who are food deficient.
  - b). Design a 5 point questionnaire to collect information on the issues identified.
  - c). How would the data collected be used in formulating a program in food security.
  - d). Which are the main challenges of measuring in-home consumed food quantities and street foods?