



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF AGRICULTURAL AND FOOD SCIENCES**

**SECOND YEAR SECOND SEMESTER UNIVERSITY EXAMINATION FOR THE
DEGREE OF BACHELOR OF SCIENCE IN FOOD SECURITY**

**2017/2018 ACADEMIC YEAR
REGULAR**

COURSE CODE: AFB 3222

COURSE TITLE: HOUSEHOLD FOOD DISTRIBUTION

EXAM VENUE:

STREAM: BSc. Food Security

DATE:

EXAM SESSION:

TIME: 2 HOURS

Instructions:

- 1. Answer ALL question in Section A (compulsory) and ANY other 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]

Answer ALL questions from this section. Each question number carries 10 pts

1. a) What is the unit of analysis of food distribution at the household level? (2 pts)
b) How comes two identical twins in the same household will demand different amounts of calories to maintain a healthy life? (2 pts)
c) Briefly describe three methods how the body manages adequacy of calorie intake (3 pts)
d) Describe the consequences of consuming too much calories beyond what your body needs per day. (3 pts)
2. a) Why do we analyse the characteristics of communities in food distribution? (2 pts)
b) What is a family and why does it differ from a household? (2 pts)
c) Why is a family considered an economic unit of measure in the household mode? (2 pts)
d) Describe the significance of timeliness of household food distribution (2 pts)
e) What is sufficiency of food distribution? (2 pts)
3. a) Explain why growth faltering can not necessarily be ascribed to be a failure of household food security (2 pts)
b) Why is a process indicator important in monitoring food distribution at the community levels? (2 pts)
c) Name and describe four direct indicator survey points of food distribution normally used at the household or community level to determine availability of food security (2 pts)
d) What is household livelihood? Describe the three family/household coping strategies to cope with in adequate food (4 pts)

SECTION B: (40 MARKS) Answer ANY questions from this section

4. Monitoring of food distribution at the community level is key to food security of individuals, families and household members. List and describe at least TEN (10) information details of the community market and institutional support structure that are key to monitoring and evaluation of household food security. (5 pts)
5. a) A household may be food secure yet individuals are not all food secure in the same house. Who are likely to be food insecure and vulnerable at the household level? (5 pts)
b) Describe why these categories are likely to be malnourished and what can be done to avoid such unfortunate situations. (5 pts)

- c) There are several interventions governments undertake to control malnutrition at the community levels. Describe what a country government can do to ensure food security of family members at the household levels. (5 pts)
- d) List a five-point level survey questions you would use to identify this class of vulnerable individuals. For each question, explain why you would want to know and how it will be used in the intervention. (5 pts)
6. Imagine you are hired for three months only by your county government to oversee food distribution in your county.
- a) Make a plan of work of what you will want to do in the community within the three months in the county. Justify each plan of move to warrant your work and the county budget (10 pts)
- b) List and describe in details how you go about learning the details of the community and how you will use the variables to plan for the community interventions for food security. (10 pts)