



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

**UNIVERSITY EXAMINATION FOR DIPLOMA IN COMMUNITY HEALTH AND
DEVELOPMENT**

1ST YEAR 1ST SEMESTER 2018/2019 ACADEMIC YEAR

NAMBALE CAMPUS

COURSE CODE: AFB 2111

COURSE TITLE: INTRODUCTION TO FOOD SECURITY

EXAM VENUE: STREAM: (Dip. Comm Health & Dev)

DATE: EXAM SESSION:

TIME: 1.5 HOURS

Instructions:

- 1. Answer all the questions in Section 'A' and ANY other two questions in Section 'B' each contain 15 marks**
- 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 THE QUESTIONS IN THIS SESSION (30 MARKS)

1. Define the following terms: (3 marks)
 - a. Hunger
 - b. Fossil fuel
 - c. Food insecurity
2. Differentiate between the two general categories of vitamins (2 marks)
3. Identify some of the functions of energy at rest (3 marks)
4. Illustrate briefly the main pillars of food security (4 marks)
5. Give **THREE** things to remember in handling food (3 marks)
6. Note down some of the ways of measuring food insecurity? (4 marks)
7. Name some of the importance of civilization to African feeding habits? (3 marks)
8. Explain some of the importance of global warming to Access of food (3 marks)
9. What is the meaning of NCPB and its function in Kenya (2 marks)
10. Give some of the cultural beliefs related to food consumption in Kenya (3 marks)

SECTION B: ANSWER ANY TWO QUESTIONS IN THIS SESSION (30 MARKS)

1.
 - a) Briefly discuss how poverty is related to food insecurity (5 marks)
 - b) Discuss some of the interventions placed by Kenya to improve food security (10 marks)
2.
 - a) Describe some of the principles of food hygiene? (5 marks)
 - b) Discuss the sensory characteristics of food (10 marks)
3.
 - a) Evaluate the implication of population growth on land in relation to food security (5 marks)
 - b) What are some of the principles of food preservation? (10 marks)
4.
 - a) Give some of the major functions of proteins (5 marks)
 - b) Discuss briefly **FIVE** ways of improving food security (10 marks)