



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF AGRICULTURAL AND FOOD SCIENCES

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

2ND YEAR 2ND SEMESTER 2018/2019 ACADEMIC YEAR

REGULAR

COURSE CODE: AFB 3224

COURSE TITLE: WORLD FOOD DISTRIBUTION

EXAM VENUE:

STREAM: BSc. (Food Security)

DATE:

EXAM SESSION:

TIME:

Instructions:

- 1. Answer ALL questions in section A and ANY other 2 Questions in section B.**
- 2. Candidates are advised not to write on 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 in this section

1. Name two negative impacts on the environment arising from the way we are producing our food. (5marks)
2. i). Briefly differentiate between fair trade and free trade. (6marks)
ii). Name examples of fair trade agricultural commodities produced in Kenya. (2marks)
3. Not all food grown on our planet is being used as food. For instance, about 40% of the corn grown in the US is being turned into first-generation biofuels, such as ethanol. Briefly explain why this action does not necessarily affect global food supply. (5marks)
4. Give three reasons for the rapid growth of the livestock industry. (3marks)
5. Explain the meaning of the following terms.
 - i. Per capita food consumption. (3marks)
 - ii. The world food resources are a composite. (3marks)
 - iii. Food energy efficiency. (3marks)

SECTION B: (40 MARKS)

Answer ANY TWO questions from this section

- 6.i). Give a comprehensive meaning of the term 'food system and state five challenges facing the food system. (5marks)
ii). Discuss why food reserves are key to preventing food crises. (10marks)
iii). Briefly explain the role of good governance in food security. (5marks)
- 7.i) Giving examples, explain how natural resource use varies greatly between food items and food consumption patterns. (12marks)
ii). Briefly explain why livestock products remain a desired food for many people. (4marks)
iii). Explain the four factors influencing global food consumption patterns and trends. (4marks)
- 8.i). Explain the contrasting features of livestock production in sub-Saharan Africa with the North. (11marks)
ii). Briefly explain how the increase in urbanization globally will negatively affect the healthy diets of people and possible solution to this challenge. (5marks)
iii). State two characteristics of agriculture that stimulate/provoke the idea of food reserves. (4marks)