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 AND BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION EXTENSION

2ND YEAR 2ND SEMESTER 2020/2021 ACADEMIC YEAR

REGULAR

COURSE CODE: AFB 3224

COURSE TITLE: WORLD FOOD DISTRIBUTION

EXAM VENUE: **STREAM: BSc. (Food Security & Agric. Ext. Educ.)**

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). State:

i. Four importance of agriculture. (4marks)

ii. Three factors on which agriculture depends. (4marks)

2). Define energy efficiency in agriculture. (6marks)

3). Giving examples, state the importance of functional foods.(8marks)

4). Briefly explain good governance in food security.(8marks)

SECTION B: (40 MARKS)

Answer ANY TWO questions from this section

5a). Give an account, giving examples of the various alternative energy conservation (energy efficiency) options (technologies) that can influence global equitable distribution of food.

(12marks)

b). Explain the difference between free and fair trade. (8marks)

6a). Giving 5 examples, comment on the following: There is enough food for everyone on the planet to lead a healthy and nutritious life, but the global food supply is deeply inequitable

(12marks)

b). Explain the role played by trade in improving food and nutrition security. (8marks)

7a). Explain the meaning of the following terms.

i. Per capita food consumption. (2marks)

ii. The world food resources are a composite. (2marks)

b). Distinguish between traditional and modern food systems. (6marks)

c). Discuss how organic food production uniquely differs from the production of other foods.

(10marks)