



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

COURSE CODE: AFB 3224

COURSE TITLE: World Food Distribution

EXAM VENUE:LR 3

STREAM: BSc (Food Security)

DATE:10/12/14

EXAM SESSION: 9.00 – 11.00AM

TIME: 2.00 HOURS

Instructions:

- 1. 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]**

Question 1

- (a) Explain the three primary factors that affected increases in world crop production. [6 Marks]
- (b) Describe the role of aquaculture, freshwater and marine fisheries to world food supply. [4 Marks]
- (c) Explain three detrimental effects of meat production. [6 marks]
- (d) Describe two positive effects of climate change on the subsequent supply of water for irrigation in agricultural production. [4 Marks]
- (e) List and explain two causes of high food prices [4 marks]
- (f) Describe how early warning systems are used for preparedness in food emergency Situations. [6 Marks]

SECTION B **[40 MARKS]**

Question 2

Briefly explain the procedure involved in setting –up a national food reserve. [20 Marks]

Question 3

Discuss the importance of finding alternative feed sources for the meat industry to continue expanding according to the global demand for animal protein. [20 Marks]

Question 4

List countries which have continued to be global recipients of food aid and explain why strategies to reduce the chronic hunger have failed. [20 marks]