



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND
TECHNOLOGY
SCHOOL OF AGRICULTURE AND FOOD SCIENCES
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE IN FOOD SECURITY
1ST YEAR 2ND SEMESTER 2013/2014 ACADEMIC YEAR
MAIN**

COURSE CODE: AFB 3122

COURSE TITLE: INTRODUCTION TO FOOD INDUSTRY

EXAM VENUE: LAB 1

STREAM: (BSc.Food Security)

DATE: 18/8/14

EXAM SESSION: 9.00 – 11.00AM

TIME: 2 HOURS

Instructions:

- 1. Answer ALL questions in Section A and any other 2 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.

1. Describe two challenges in the dairy processing industry and give specific interventions that can be undertaken by the private sector. [6marks]
2. Explain the following, with examples, in food consumption patterns in the world:
 - (a) Food loss [3marks]
 - (b) Food waste [3marks]
3. Briefly discuss, giving examples, the HACCP system in food safety standard. [6marks]
4. Outline how to develop a business plan to address a challenge in the food industry. [6marks]
5. Analyze the statement “Veganism / vegetarianism can help save the world food crisis.” [6marks]

SECTION B [40 MARKS]

Answer ANY TWO questions.

6. Discuss in detail the development of the food industries in Kenya and their contribution to the country's economic growth. [20marks]
7. Choose one multinational food processing company and discuss their contribution to global nutrition and health. [20marks]
8. Discuss the concept of food safety standards and its role in development of the global food industry. [20marks]
9. Briefly discuss the following drivers of growth:
 - (a) Rise in disposable incomes – increasing middle class. [4marks]
 - (b) Changing Lifestyles and Aspirations – tastes and preferences. [4marks]
 - (c) Increasing penetration of organized retail and branded food products – supermarkets spread. [4marks]
 - (d) Increasing demand for ready foods by working population. [4marks]
 - (e) Increasing spending on health foods. [4marks]