



EMBU UNIVERSITY COLLEGE

(A Constituent College of the University of Nairobi)

2015/2016 ACADEMIC YEAR

SECOND SEMESTER EXAMINATION

**FIRST YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE
(AGRIBUSINESS MANAGEMENT)**

AEB 110: INTRODUCTION TO FOOD INDUSTRY

DATE: APRIL 13, 2016

TIME: 08:30-10:30

INSTRUCTIONS:

Answer Question ONE and ANY Other TWO Questions

QUESTION ONE

a) With relevant examples, explain the meaning of the following terms as used in the food industry:

- | | |
|------------------------|-----------|
| i) Food processing | (2 Marks) |
| ii) Primary production | (2 Marks) |
| iii) Food preservation | (2 Marks) |
| iv) Globalization | (2 Marks) |

b) As an officer in the food processing industry, why would it be important to preserve foods?

(3 Marks)

c) Inadequate or excess nutrients in the body lead to malnutrition. Briefly the causes of malnutrition.

(5 Marks)

d) Explain the implications, of population growth on the food industry.

(6 Marks)

- e) Briefly explain the basic principles of food handling in a given food industry. (4 Marks)
- f) Safe and quality foods are paramount in relation to human health. What are the positive attributes of food quality and safety? (4 Marks)

QUESTION TWO

- a) Food industry is composed of several sectors. Identify and explain the four major sectors of the industry and in each case explain the activities involved. (10 Marks)
- b) As an agribusiness officer, you have been posted to work in Nakuru town and you want to open a food business. Briefly explain the regulatory requirements that you will need to meet before you start up the business. (10 Marks)

QUESTION THREE

- a) Explain the meaning of the term technology diffusion in relation to the food industry. (2 Marks)
- b) Using a detailed illustration show the linkages between globalization, food consumption, health and nutrition. (10 Marks)
- c) Most commodities are not edible without processing. Discuss the major categories of food processing in Kenya. (8 Marks)

QUESTION FOUR

- a) Food preservation is pertinent in any food industry. Explain any five modern methods of food preservation giving examples of foods in each case. (10 Marks)
- b) Briefly discuss the changing role of women and urbanization on child care and feeding. (10 Marks)

QUESTION FIVE

- a) Describe the various sources of foods and the nutritional disorders they result to when they are deficient in the human body. (10 Marks)

- b) With relevant examples, explain how culture and urbanization have influenced food consumption in Kenya. (10 Marks)

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