

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

RESIT/SPECIAL EXAMINATION

**EXAMINATION FOR THE AWARD OF DEGREE
OF BACHELOR OF SCIENCE IN FOOD SCIENCE AND TECHNOLOGY**

FOST 101: INTRODUCTION TO THE FOOD INDUSTRY

STREAMS: BSC (FOST)

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 18/11/2020

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS: Answer ALL Questions in section A and ANY other TWO Questions in section B

SECTION A

1. (a) Describe the aims of the food industries in Kenya. (5 marks)
- (b) Enumerate the characteristics of the food business. (3 marks)
2. Describe the degree of food processing. (6 marks)
3. Discuss climacteric and non-climacteric commodities. Give two examples of each. (4 marks)
4. Explain the non-biological factors that affect quality of raw food commodities. (8 marks)
5. Discuss the main concerns of food processing (4 marks)

Section B

6. (a) Discuss the importance of food processing. (8 marks)
- (b) Outline different methods that are used to preserve foods. (12 marks)
7. (i) By giving relevant examples, explain the causes of postharvest losses. (10 marks)
- (ii) Discuss Pre-harvest factors affecting quality. (10 marks)
8. (a) Describe the beneficial and harmful effects of MAS and CAS. (6 marks)
- (b) Define and describe quality factors in foods. (14 marks)