
CHUKA



UNIVERSITY

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**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN
FOOD QUALITY ASSURANCE**

FOST 463: FOOD QUALITY ASSURANCE

STREAMS: BSC AGRIC Y2S1

TIME: 2 HOURS

DAY/DATE: THURSDAY 06/12/2018

2.30 P.M – 4.30 P.M

INSTRUCTIONS

- **Answer all questions in section A and any two in section B**

SECTION A: 30 MARKS

1. (a) Explain the difference between quality control and quality assurance. [4 marks]
(b) Briefly describe 3 types of hazards and give 2 examples in each case. [6 marks]
2. (a) Explain the roles of codex alimentarius commission. [2 marks]
(b) Explain four tasks that are involved in HACCP plan application. [4 marks]
3. (a) Explain four reasons for record keeping in food industry. [2 marks]
(b) Explain quality management standards and describe different types of QMS. [3 marks]
4. (a) Describe six areas covered in good manufacturing practices and good hygiene practices. [3 marks]
(b) Explain the importance of ISO standards in the food industry. [4 marks]

SECTION B 40 MARKS

5. (a) With respect to any food industry of your choice, discuss the 7 principles of HACCP and applicability of prerequisite programs. [20 marks]
6. (a) Discuss the principles of ISO 9000:2008 as they are applied in Quality Management System. [8 marks]
- (b) Discuss various assessment methods that may be applicable in food industry to ascertain quality products production. [12 marks]
7. (a) Discuss various different clauses in ISO 22000-2015. [15 marks]
- (b) Using product of your choice, describe quality parameters that should be assessed in the food industry. [5 marks]
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