

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

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

FOST 462: FOOD PLANT OPERATIONS MANAGEMENT

STREAMS: B.Sc FOST Y4S1

TIME: 2 HOURS

DAY/DATE: THURSDAY 7/12/2017

8.30 A.M - 10.30 A.M.

INSTRUCTIONS:

- Answer ALL Questions in Section A and any other TWO Questions in Section B

SECTION A (COMPULSORY) - [30 MARKS]

1. Explain the functional division of the food industry for convenience of management operations. [8 Marks]
2. Describe methods for determining line performance aimed at achieving the maximum efficiency in food plant operations. [15 Marks]
3. Explain the advantages of just-in-time philosophy in the management of food plant operations. [3 Marks]
4. Explain the following intelligence activities supported by e-commerce in global operations management.
 - (a) Search for products [2 Marks]
 - (b) Comparison of product [2 Marks]

SECTION B (ATTEMPT TWO QUESTIONS) - [40 MARKS]

5. (a) Explain five management functions. [16 Marks]

(b) Discuss the application of technical skills in food plant operations management. [4 Marks]
 6. (a) Discuss budgeting as a function for profitable management. [14 Marks]
(b) Explain the causes of fluctuations in the supply chain. [6 Marks]
 7. Describe the necessary considerations to make to meet the requirements of standards in a food plant. [20 Marks]
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