

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

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

DATM 462: FOOD PLANT OPERATIONS MANAGEMENT

STREAMS: BSC (FOST) Y4S1

TIME: 2 HOURS

DAY/DATE : WEDNESDAY 22 /09/ 2021

11.30 AM – 1.30 PM

INSTRUCTIONS TO CANDIDATES:

- The paper contains sections A and B
- Answer all questions in section A and any TWO from section B
- Marks for each question are indicated in parenthesis ()
- Total marks =70

SECTION A: [30 MARKS] ANSWER ALL QUESTIONS

Give short answers (5 marks each)

1. Authority can be delegated but responsibility cannot be delegated. Discuss the importance of this statement.
2. Discuss the importance of any two factors that you would consider in choosing a factory site for a meat processing company.
3. What is the importance of informal organization in the running of a manufacturing firm?
4. What is the difference between benevolent autocrat and a coercive autocrat?
5. Discuss the importance of stock and work-in-process control to a food manufacturer
6. Why is stainless steel generally recommended as a construction material for food contact surfaces?

SECTION B: [40 MARKS] – ANSWER ANY TWO QUESTIONS

7. a) Discuss the importance of plant location to food production quality and cost of production. [12 Marks]
- b) What factors would you consider in determining plant layout for a poultry meat factory? [8 Marks]
8. a) Why is motivation important in the profitability of a manufacturing concern? [8 Marks]
- b) Discuss any three tools that could be used for employee motivation.[12 Marks]
9. a) Discuss the term 'Hygienic design' in food processing plant. [10 Marks]
- b) Give the importance of inventory management in the profitability of a food production firm. [10 Marks]
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