



**MURANG' A UNIVERSITY COLLEGE**  
**(A constituent college of Jomo Kenyatta University of Agriculture and Technology)**  
**SCHOOL OF HOSPITALITY AND TOURISM**

UNIT TITLE: FOOD AND BEVERAGE CONTROL

UNIT CODE: HT 0210

MAIN EXAM

END TERM EXAM

2HRS

CERTIFICATE IN FOOD AND BEVERAGE CONTROL

DATE :

**INSTRUCTIONS**

-ANSWER ALL QUESTIONS IN SECTION A

-ATTEMPT TWO QUESTIONS IN SECTION B

**SECTION A COMPULSORY**

**QUESTION ONE**

- a. Explain five principles of coding materials in the store (10 marks)
- b, An establishment has an annual demand of 1000 bags of maize. The cost of a 90kg bag is ksh 800. The stock holding cost is 25% PER annum of stock values, delivery cost per batch is ksh 1200. calculate the economic ordering quantity (EOQ). (5 marks)
- c, Outline four objectives of stock control (4 marks)
- d, i) Distinguish between the following  
Perpetual and periodic stock taking. (4marks)
- ii) Describe the following records
- a) Credit note
  - b) Invoice
  - c) Transfer note. (3 marks)
- d. Discuss any two problems in food and beverage control (4 marks)

## **SECTION B ANY TWO QUESTIONS IN THIS SECTION**

### **QUESTION TWO**

a) From the following information calculate the closing stock using LIFO method.

Bought	issued	
January 10 bales @sh 68	April 8 bales	
March 10 bales @sh 72	June 20 bales	
May 30 bales @sh 74.50		(8 marks)

b. state seven objectives of volume forecasting (7 marks)

c. Highlight **Five** reasons for portion control of food (5 marks)

### **QUESTION THREE**

a) Explain **five** ways of controlling food wastage in the kitchen (10 marks)

b) Highlight **five** advantages of buying portioned food. (5 marks)

c) Enumerate **five** factors to consider in deciding portion to be given to each customer (5 marks)

### **QUESTION FOUR**

a) Discuss five reasons for stock taking (10 marks)

b) Hotels costs of food sales for an year is ksh 64,000. The stock held at beginning of the year was ksh,2224. and at the end of the year was ksh,2474. calculate the stock turnover per annum. (5 marks)

c. Draw a sample of break even chart and show the following angle of incidence, margin of safety, fixed cost curve, total cost curve, total cost. (5 marks)