

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(END SEMESTER EXAMINATION)

CLASS: BHMCT
BRANCH: HMCT

SEMESTER : VII
SESSION :MO/2023

SUBJECT: HM404 FOOD AND BEVERAGE MANAGEMENT

TIME: 3 Hours

FULL MARKS: 50

INSTRUCTIONS:

1. The question paper contains 5 questions each of 10 marks and total 50 marks.
2. Attempt all questions.
3. The missing data, if any, may be assumed suitably.
4. Before attempting the question paper, be sure that you have got the correct question paper.
5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.

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|--|-----|----|----|
| Q.1(a) Compare Private Ltd. Company with Public Ltd. Company. | [5] | 1 | 5 |
| Q.1(b) Explain the factors that are be considered while selecting the site for any food & beverage outlet. | [5] | 1 | 2 |
| Q.2(a) Differentiate between 'Pricing Factor Method' and 'Gross Profit Method' of menu pricing. | [5] | 2 | 2 |
| Q.2(b) The following table illustrates six selected items from the menu for an accounting period of two weeks. The total count of main courses chosen for the accounting period is 1500. | [5] | 2 | 5 |

Item Name	Cost Price (INR)	Selling Price (INR)	Item Count
Cesar Salad	135	400	350
Oyster Oxtail Soup	80	200	60
Smoked Salmon	200	650	70
Roast Lamb	150	500	500
Roast Turkey	180	450	150
Irish Stew	90	180	370

Perform menu item, menu mix and four box analysis.

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|---|-----|---|---|
| Q.3(a) XYZ Pvt. Ltd., a company that specializes in making different types of chocolate and cookies. It uses 10000 tins of cocoa powder per year at a purchase price of Rs. 50/- per tin. The cost associated with placing an order is Rs. 245/- and carrying cost is 20% of the purchase price. The lead time is 5 days and annual working day is 275 days. Based on the given information, calculate the EOQ and re-order point (ROP). | [5] | 3 | 3 |
| Q.3(b) Inventory records for the month of December reveal the following:
Opening inventory on the 1st of the month: 12 bottles of Taliskar @ Rs. 7890/-
Purchased on the 7th of the month: 22 bottles of Taliskar @ Rs. 8020/-
Purchased on the 15th of the month: 24 bottles of Taliskar @ Rs.7990/-
Purchased on the 26th of the month: 15 bottles of Taliskar @ Rs. 7995/-
A physical inventory on the 31st of the month showed that 20 bottles remained in stock.
Selling price is Rs. 14500 per bottle.
According FIFO, LIFO, Average weighted price and Latest Purchase Price method calculate the value of closing stock, beverage cost and beverage cost%. | [5] | 3 | 3 |

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| Q.4(a) Broadly explain Dual Card Kanban System with a diagram. | [5] | 4 | 2 |
| Q.4(b) | [5] | 4 | 3 |

ABC Analysis		
ITEM	ANNUAL USAGE (UNIT)	UNIT COST (INR)
1	20	5.10
2	55	35.00
3	20	30.00
4	30	35.10
5	10	35.20
6	55	240.00
7	160	10.00
8	25	11.00
9	21	11.50
10	20	5.00

What are the appropriate ABC groups of inventory items?

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|--|-----|---|---|
| Q.5(a) Classify budget based on the basis of function and explain all of them. | [5] | 5 | 2 |
| Q.5(b) What are the basic steps of budget preparation? Explain all the steps. | [5] | 5 | 2 |