

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

**CLASS: BHMCT
BRANCH: HMCT**

**SEMESTER : VIII
SESSION : SP/19**

SUBJECT: HM8041 F & B CONTROL

TIME: 3.00 Hrs.

FULL MARKS: 60

INSTRUCTIONS:

1. The question paper contains 7 questions each of 12 marks and total 84 marks.
2. Candidates may attempt any 5 questions maximum of 60 marks.
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.

Q.1(a) What are the objectives of materials management? [2]
Q.1(b) Fonseca Private Limited Company specializes in making different types of chocolates and cookies. It uses 10000 tins of cocoa powder per year at a purchase price of Rs.52 per tin. The cost associated with placing an order is Rs. 245 and carrying cost per unit is Rs. 10; the lead time is 5 days; annual working day is 275 days. Based on the given information, calculate the EOQ and the reorder point. [4]

Q.1(c) Inventory records for the month of March reveal the following: [6]
 Opening inventory on the 1st of the month: 10 bottles of Chablis @ Rs. 8100/-
 Purchased on the 7th of the month: 24 bottles of Chablis @ Rs. 8150/-
 Purchased on the 15th of the month: 17 bottles of Chablis @ Rs.7990/-
 Purchased on the 26th of the month: 12 bottles of Chablis @ Rs. 7995/-
 A physical inventory on the 31st of the month showed that 20 bottles remained in stock. Selling price is Rs. 15000 per unit.
 According to FIFO, LIFO, Average weighted price and Latest Purchase Price method calculate the value of closing stock, beverage cost and beverage cost%.

Q.2(a) Define JIT. [2]
Q.2(b) Differentiate between fixed order period (P) system and fixed order quantity (Q) system. [4]
Q.2(c) [6]

ABC Analysis		
ITEM	ANNUAL USAGE (UNIT)	UNIT COST (INR)
1	68	10
2	200	68
3	60	60
4	100	68
5	20	68
6	200	476
7	608	20
8	80	8.48
9	64	15.9
10	68	10

What are the appropriate ABC groups of inventory items?

Q.3(a) What is master budgeted trading account? [2]
Q.3(b) Briefly explain single card Kanban system. [4]
Q.3(c) Classify budget based on functionality and explain all of them. [6]

Q.4(a) How market driven pricing approach is different than demand driven pricing approach? [2]
Q.4(b) Briefly explain pricing factor method of menu pricing and explain with suitable example. [4]
Q.4(c) 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 1530. [6]

Item Name	Cost Price (INR)	Selling Price (INR)	Item Count
Lobster Thermidor	70	160	90
Crayfish Newburg	60	150	60
Fried Fish	30	80	210
Pomfret Duglere	20	80	150
Chicken Tikka Masala	30	75	420
Chicken Winglet	20	70	600

Perform menu item, menu mix and four box analysis.

- Q.5(a) Classify menu based on scheduling and explain all of them. [2]
Q.5(b) Differentiate between base price and actual cost method of menu pricing with example. [4]
Q.5(c) Broadly explain the factors that affect labour cost and labour cost%. [6]
- Q.6(a) Define franchising. [2]
Q.6(b) Briefly explain labour cost control process. [4]
Q.6(c) Broadly explain financial and marketing policy of fast food chain. [6]
- Q.7(a) Define fast food. [2]
Q.7(b) What are the characteristics of hospital catering? [4]
Q.7(c) Broadly explain catering policy of institutional catering. [6]

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