

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI**  
**(MID SEMESTER EXAMINATION SP/2024)**

**CLASS: BHMCT**  
**BRANCH: HMCT**

**SEMESTER : VI**  
**SESSION : SP/2024**

**SUBJECT: HM312 FOOD & BEVERAGE CONTROL**

**TIME: 02 Hours**

**FULL MARKS: 25**

**INSTRUCTIONS:**

1. The question paper contains 5 questions each of 5 marks and total 25 marks.
  2. Attempt all questions.
  3. The missing data, if any, may be assumed suitably.
  4. Tables/Data handbook/Graph paper etc., if applicable, will be supplied to the candidates
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		CO	BL
Q.1(a)	Why Food & beverage control tends to be more difficult than the control of materials in manufacturing industry?	[2] 1	2
Q.1(b)	Briefly explain the key points that are to be considered while purchasing the food materials.	[3] 1	2
Q.2(a)	What are the objectives of food & beverage control?	[2] 2	1
Q.2(b)	How standard purchase specification acts as a tool of purchasing?	[3] 1	2
Q.3(a)	Differentiate between direct and indirect material cost.	[2] 2	4
Q.3(b)	Establish the relationship cost, volume and profit.	[3] 2	2
Q.4(a)	Compare fixed and step cost.	[2] 2	4
Q.4(b)	ABC private Limited Co. sells only single variety of battery. In the financial year of 2022-23, the company earned Rs.2,40,000/- by selling 1200 units of battery. The variable cost of 1200 units of battery is Rs.1,44,000/-. Calculate the P/V ratio of ABC Pvt. Ltd Co.	[3] 3	3
Q.5(a)	How would you determine menu mix % and seat turnover rate?	[2] 2	3
Q.5(b)	ABC Pvt. Ltd. sells a single variety of product. In 2021-22 financial year, the company has earned Rs. 48,00,000/- by selling 2,40,000 units of products. The company spent Rs. 28,80,000/- on variable cost. Fixed cost of the company is Rs. 56,00,000/-. Calculate the Break-Even Point Volume and Value.	[3] 3	3

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