

INDIAN SCHOOL AL WADI AL KABIR
ENTREPRENEURSHIP
MULTIPLE CHOICE QUESTIONS
CHAPTER 5 BUSINESS ARITHMATIC
REVISION QUESTIONS

1. If total billed amount is ₹2,50,000 and if the number of customers is 100. Calculate unit price per customer?

- A. ₹2000
- B. ₹2500
- C. ₹3000
- D. ₹1500

2. If selling price of a hair dryer is ₹10,000 and variable cost is ₹3,000. Calculate break-even point if fixed cost is ₹35,000.

- A. 35 units
- B. 12 units
- C. 5 units
- D. 7 units

Question 3 to 5 based on the following case:

A hotel had varying number of guests during five weeks. The information regarding the number of guests and the average weekly billing is presented in the following table.

Week	No. of guest	Average Billed Amount ₹
1	240	300
2	120	410
3	140	292
4	160	442
5	180	480

3. What is the amount of 'Unit of Sale'?

- A. 180
- B. 360
- C. 840
- D. 960

4. Calculate unit price.

- A. ₹380
- B. ₹400
- C. ₹1924
- D. ₹480

5. If the cost of goods sold or variable cost is 60% of the sales price, calculate the 'unit cost' and the gross profit'.

- A. Unit cost ₹220 Gross Profit ₹160
- B. Unit cost ₹228 Gross Profit ₹152
- C. Unit cost ₹250 Gross Profit ₹140
- D. Unit cost ₹232 Gross Profit ₹148

6. Mani Co. Ltd manufacturers has three products: Pen, Pencil and Sharpener.

	PEN	PENCIL	SHARPENER

Total weighted average contribution per unit	₹ 10	₹ 12	₹ 8
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Total fixed cost is ₹ 90,000.

From the above given information Overall break even points in units will be:

- A. 4,000 B. 2,000 C. 3,000 D. 5,000

7. The total bill in a restaurant during a week was ₹ 18,000. Though the food bill for individual customer was different but the average bill amount was ₹ 150. Based on this information, the number of customers who ate in that restaurant during the week is
A.90 B.100 C.120 D.140

8. Farhan sold a mobile hand set for ₹ 2,100. If the purchase price of the product is 80% of its selling price, the profit earned by Farhan is :
A. ₹ 1,700 B. ₹ 1,680 C. ₹ 420 D. ₹ 400

9. The following table shows the number of guests who all stayed in a hotel in last 4 weeks and also their total bill amount for food, lodging and leisure activities.

WEEK	No. of guests	Total Bill (Rs.)
1	24	4,100
2	12	3,000
3	14	3,400
4	10	1,800
TOTAL	60	12,300

What is the value of unit price for the hotel?

- A. Rs.200
B. Rs.205
C. Rs.208
D. Rs.210

10. A Grocery store sold items to different customers for a period of 12 weeks and calculated their unit sale as Rs.3,000. The cost price per unit is 60% of the selling price. Calculate the Gross profit per unit.

- A. Rs.2,400
B. Rs.1800
C. Rs.2,100
D. Rs.1,200

Question 11 to 14:

Best Electronics Ltd., are the manufacturers of 'Air Conditioners' and 'Air Purifiers'. Their fixed costs are Rs.8,000 per year. The sales price and variable cost per unit of 'Air conditioners' and 'Air purifiers' are given below:

	Air conditioners	Air purifiers
Selling Price	Rs. 2,000	Rs. 500
Variable cost	Rs. 1,500	Rs. 300

The Air conditioners and Air purifiers were sold in the percentage 40% and 60% respectively throughout the year.

Calculate break even for both the product in units.

11. What is the total weighted average contribution?

- A. ₹200
- B. ₹120
- C. ₹320
- D. ₹400

12. What is the total Break-even unit for the enterprise?

- A. 20 units
- B. 25 units
- C. 40 units
- D. 50 units

13. What is the Break-even units for Air conditioners?

- A. 10 units
- B. 15 units
- C. 20 units
- D. 25 units

14. What is the Break-even in Rupees for Air purifiers?

- A. ₹30,000
- B. ₹ 7,500
- C. ₹10,000
- D. ₹15,000

15. At BEP, which of the condition is to be fulfilled:

- A. Total Revenue = Total Profit
- B. Total Profit = Total Cost
- C. Total revenue = Total cost
- D. Total Revenue = fixed cost.

16. Mahindra Stores sells Mobile phones of different brands X,Y and Z. The sales Mix ratio is 4:4:2. The total fixed cost for the business is Rs,2,46,000. The store is at break even by selling 3,000 phones. What is the total average contribution per unit.

- A.Rs.80
- B.Rs.82
- C.Rs.85
- D.Rs.90

17. 'Nomy India Ltd.' are the producers of two different sizes of televisions. From the information given below, calculate the 'Break-Even Quantity' of the T.V. sets manufactured per month.

Information:

Size of T.V	Unit Selling Price	Unit variable cost	Allocated Fixed expense
43inch	Rs.45,000	Rs.36,000	Rs.1,08,000
55inch	Rs.60,000	Rs.50,000	Rs.1,20,000

Choose the correct option for Break-even point for the TV sets:

- A. 43 inch – 10 units and 55 inch- 12 units
- B. 43 inch – 12 units and 55 inch- 10 units
- C. 43 inch – 10 units and 55 inch- 10 units
- D. 43 inch – 12 units and 55 inch- 12 units