

Question 1. Assume that as an investor, you are planning to enter the construction industry as a panel formwork supplier. The potential number of forthcoming projects, you forecasted that within two years, your fixed cost for producing formworks is Rs. 300,000. The variable unit cost for making one panel is Rs. 15. The sale price for each panel will be Rs. 25. If you charge Rs. 25 for each panel, how many panels you need to sell in total, in order to start making money?

Question 2. Suppose you intend to open a franchise business to supply a nationally-known line of women's shoes. You've found a good location in Abbottabad to open your shop, and have determined that the average prices and costs of operating the store are:

Price = Rs. 50 per pair

Cost = Rs. 30 per pair

Rent = Rs. 2,500 per month

Insurance = Rs. 500 per month Utilities & Telephone = Rs. 300 per month

In addition, you plan to hire two sales ladies on a commission basis of 10% in order to provide them with incentive to sell shoes. You are required determine the breakeven point in Rupees?

Question 3. A manufacturing company supplies its products to construction job sites. The average monthly fixed cost per site is Rs. 4,500, while each unit cost Rs. 35 to produce and selling price is Rs. 50 per unit. Determine the monthly breakeven volume.

Question 4. A store sells t-shirts. The average selling price is Rs. 15 and the average variable cost (cost price) is Rs. 9. Thus, every time the store sells a shirt it has Rs. 6 remaining after it pays the manufacturer. This Rs. 6 is referred to as the unit contribution.

(a) Suppose the fixed costs of operating the store (its operating expenses) are Rs. 100,000 per year. Find Break-even in units?

(b) If the owner desired a profit of Rs. 25,000, what will be break-even point in Rupees?