

P1062

Hi,

Below 25 questions for you. This time we are not sending the answers along with the questions. Check out how many questions you are able to solve and send us your replies along with the method used to solve these. We will send the solution and answers separately with the shortest possible method to solve these. You should be able to solve these 25 questions in 25 minutes.

<http://groups.yahoo.com/group/urpercentile/>

Q1 A company started with initial investment of Rs 2,900,000. The unit manufacturing cost for first 1500 unit is 1,000 and the sale price of these 1,500 units is 1,500 per unit. The next 2500 units cost 800 per unit to produce and the company can sell these for 1,500 per unit. How many units more should be sold to breakeven , if the units production cost after 4000th unit is 750 and the unit selling price is 1,150 ?

Q2 A company manufactures three products P, Q and R. The selling price of each unit of P Q and R was 2,000 but the production cost of the three was different. A total of 7,980 units of P, Q and R were sold to achieve the breakeven. The total production cost of the 7,980 items was 14,310,000. What was the initial investment of the company ?

Q3 A company starts with a investment of 2,150,000. It produces the first 1200 units for 2,100 each and sell them at 2,200 each. The next 3,700 units are produced at 2,000 each and sold at 2,050 each. After this all the items are produced at 1,950 and sold at 2400. How many more units of the third batch should be sold to achieve the breakeven?

Q4 A company starts with a initial investment of 4,000,000. It manufactures its first 1400 units for 700 each and sell the same for 1200 each. The next 2800 units are sold at a profit of 450 each. What should be the unit selling price of next 13,600 units if each item was produced for 1,050 and the breakeven is to be attained when the 13,600th item is sold ?

Q5 A company starts with investment of 3,600,000 . It sold the first 1500 units at 1,100 each and the next 2,950 units were sold at 950 each. The profit per unit for the first 1,500 units was same as the profit per unit for the next 2,950. The next 6,390 units which were produced at 1,150 were sold at 1,400 and the breakeven point was reached. What was the unit production cost for the first 1500 units ?

Q6 A company starts with an investment of 3,300,000. The production was done in 3 batches and at the end of the sale of the third batch the breakeven was attained. Each of the unit produced in the three batches were sold at 100 % profit. The unit sale price of the products of the first batch was 200 more than the unit sale price of the products of the second batch which was

200 more than the unit sale price of the products of the third batch. The first , second and the third batch sizes were 1350, 3,000 and 4,750 units respectively. What was the production cost of each unit of the first batch ?

Q7 A company starts with an investment of 2,000,000. The first 2000 units were sold at a unit price of Rs. 1,000 thus making a profit of Rs 200 on each unit. The next 2200 units were produced at 700 per unit and sold at the price which was equal to the unit production cost of the first 2000 unit. The next 13800 units were sold at a unit price which was equal to the unit production cost of the second batch of 2200 units. On the sale of the 13800th unit the breakeven point was reached. What was the unit production cost of the 13800th unit ?

Q8 A company which started with a investment of 2,400,000 and made three products A, B and C. The company sold 1550 units of A, 3000 units of B and 6580 units of C to get the breakeven point. Had the company sold 1200 units of A, 2500 units of B and 7120 units of C , it would also have reached the breakeven point. The profit on each unit of B was twice profit on each unit of A. What is the sale price of C if the production cost is 1,350 ?

Q9 A company has three products X,Y and Z. The profit margin on each of the three was same. 7050 units of X, 8150 units of Y and 4800 of Z were sold to reach to the break even point. What was the total investment of the company if the total profit earned by the 8150 units of Y was Rs 110,000 more than the total profit earned by the sale of 7,050 units of product X ?

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Q10 A company has three products A,B and C with unit production cost of 1,500, 1,400 and 1,650 respectively. The breakeven is achieved when 1,450 units of A, 3,400 units of B and 4700 units of C were sold. The total sales revenue of A,B and C are 2,320,000 , 5,610,000 and 8,460,000 respectively. What is the initial investment of the company ?

Q11 A company sells first 1400 units of its production at a profit of Rs 50 each. The next 5600 units which were produced at 1600 per unit were sold for 1800 per unit. The next 3,440 units were sold at a profit 5 times the profit earned per unit from the first 1400 units. The breakeven point was achieved when one more unit was sold . The production cost for the last unit was 1800 and was sold at 2000. What was the initial investment of the company.

Q12 A company invested certain sum to set up a manufacturing business. It manufactures first 1200 unit for 900 each and sells the same at 1,450 each. The next 2600 units are manufactured at 750 per unit and sold at 1,250 each. The next 10,160 units produced at 700 per unit are sold at 950 each and the breakeven is attained. What was the company's investment ?

Q13 A company invests 4,100,000 in setting up a business. It

sells the first 1300 units at 1300 per unit. The next 2,750 items are sold at a profit of 350 per unit and the next 10,470 which were manufactured at 950 per unit were sold at 1200 per unit and the breakeven point was attained. What was the unit production cost of the first 1300 units ?

Q14 A company starts with a initial investment of 2,900,000. It manufactures its first 1150 units for 2300 each and sell the same for 2450 each. The next 3800 units are sold at a profit of 50 each. What should be the selling price of next 7,250 units if each item was produced for 2,050 and the breakeven is to be attained when the 7,250th item is sold ?

Q15 A company has three products A, B and C with unit production cost of 2,200, 2,100 and 2,250 respectively. The breakeven is achieved when 1,100 units of A, 3,950 units of B and 12,090 units of C were sold. The total sales revenue of A ,B and C are 2,750,000 , 8,492,500 and 30,225,000 respectively when the breakeven is achieved . What is the initial investment of the company ?

Q16 A company invests 4,250,000 in setting up a business. It sells the first 1050 units at 2200 per unit. The next 4000 items are sold at a profit of 100 per unit and the next 7595 units which were manufactured at 2200 per unit were sold at 2700 per unit and the breakeven point was attained. What was the production cost of the first 1050 units ?

Q17 A company starts with a initial investment of 4,700,000. It manufactures its first 1,000 units for 2,000 each and sell the same for 2200 each. The next 3,000 units are sold at a profit of 300 each. What should be the selling price of next 8,000 units if each item was produced for 2,350 and the breakeven is to be attained when the 8,000th item is sold ?

Q18 A company has three products X,Y and Z. The profit margin on each of the three was same. 950 units of X, 3,300 units of Y and 9,875 units of Z were sold to reach to the breakeven point. What was the total investment of the company if the total profit earned by the 3,300 units of Y was Rs 940,000 more than the total profit earned by the sale of 950 units of product X ?

Q19 A company starts with a investment of 6,200,000. It produces the first 900 units for 1,800 each and sell them at 2,400 each. The next 4,300 units are produced at 1,600 each and sold at 2,200 each. After this all the items are produced at 2,550 and sold at 2900. How many total units should be sold to achieve the breakeven.

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MATCH THE WORDS IN SET A WITH THEIR MEANINGS IN SET B

SET A: 20 Derision, 21 Flinch, 22. Ingrate , 23. Macadamise, 24. Partisan 25. Mordant

SET B:

- A. To be sarcastic or critical.
- B. Ungrateful person.
- C. Abstruse or secret.
- D. Contempt and mockery.
- E. To make a roadway, with small broken stone mixed with tar.
- F. A strong supporter of a group, cause or a person and is biased.
- G. That may be read with ease.
- H. A symbolic representation of something.
- I. To mumble something over and over.
- J. To avoid confronting something, or doing something
- K. Impractical view or approach.
- L. To settle accounts.

