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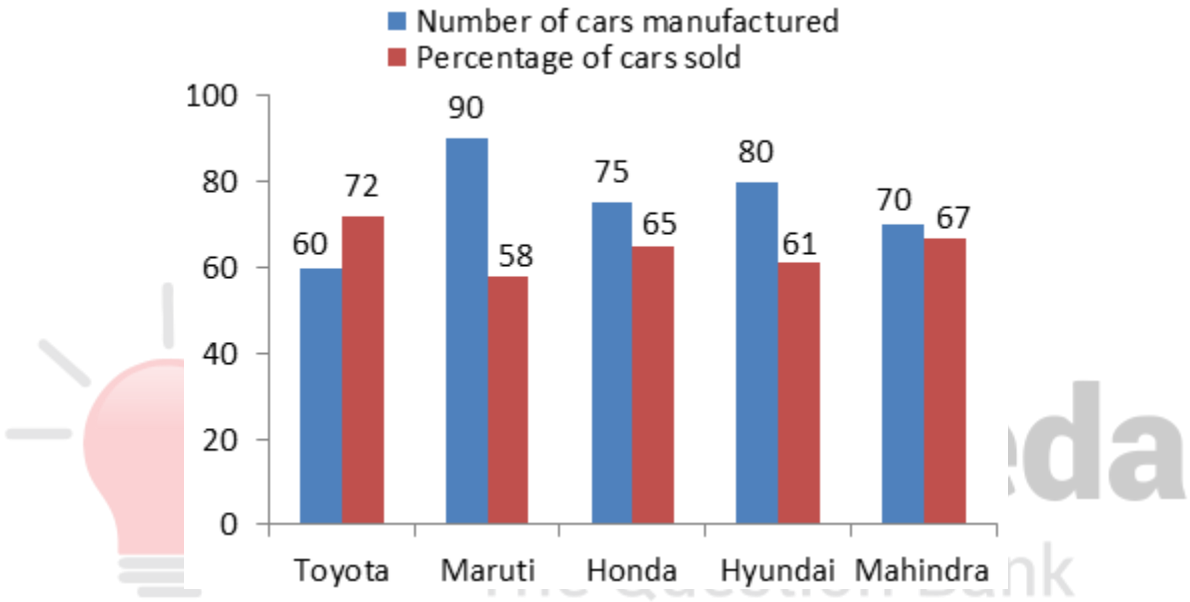
DI Bar Chart Questions for SBI Clerk Mains, IBPS Clerk Mains, SBI PO Pre and IBPS PO Pre Exams.

DI Bar Chart No 64

Directions: Study the following bar chart carefully and answer the questions given beside.

The bar graph given below shows the number of cars manufactured (in thousands) and the respective percentage of those cars sold by five different companies in 2017.



1. What is the difference between the cars sold by Maruti and cars sold by Mahindra in 2017?

A. 4900 B. 4700 C. 5100 D. 5300 E. None of these

2. What is the ratio of the number of Toyota cars that remained unsold in 2017 to the number of Honda cars that remained unsold in 2017?

A. 4 : 5 B. 16 : 25 C. 5 : 6 D. 25 : 36 E. 4 : 7

3. In 2018 the number of cars manufactured by Hyundai increased by 15% and the number of cars sold by Hyundai also increased by 22% with respect to the previous year. Find the number of cars that remained unsold in 2018.

A. 32464 B. 32564 C. 32664 D. 32764 E. 32864

4. What is the average number of unsold cars by all the five companies together in 2017?

A. 26730 B. 26830 C. 26930 D. 27030 E. None of these

5. Total number of cars manufactured by Toyota and Honda together in 2017 is what percentage of the number of cars manufactured by Hyundai and Mahindra together in 2017?

A. 10% B. 80% C. 90% D. 20% E. 25%

Correct Answers:

1	2	3	4	5
D	B	A	D	C

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Explanations :

1. Total number of cars sold by Maruti in 2017 = 0.58 × 90000 = 52200

Total number of cars sold by Mahindra in 2017 = 0.67 × 70000 = 46900

Required difference = (52200 – 46900) = 5300

Hence, option D is correct.

2. Total number of Toyota cars that remained unsold in 2017 = 0.28 × 60000 = 16800

Total number of Honda cars that remained unsold in 2017 = 0.35 × 75000 = 26250

Required ratio = 16800 : 26250 = 16 : 25

Hence, option B is correct.

3. Total number of Hyundai cars manufactured in 2018 = 1.15 × 80000 = 92000

Total number of Hyundai cars sold in 2017 = 0.61 × 80000 = 48800

Total number of Hyundai cars sold in 2018 = 1.22 × 48800 = 59536

Total number of Hyundai cars that remained unsold in 2018 = (92000 – 59536) = 32464

Hence, option A is correct.

4. Total number of Toyota cars that remained unsold in 2017 = 0.28 × 60000 = 16800

Total number of Honda cars that remained unsold in 2017 = 0.35 × 75000 = 26250

Total number of cars unsold by Maruti in 2017 = 0.42 × 90000 = 37800

Total number of cars unsold by Mahindra in 2017 = 0.33 × 70000 = 23100

Total number of Hyundai cars that remained unsold in 2017 = 0.39 × 80000 = 31200

Total number of unsold cars in 2017= (16800 + 37800 + 26250 + 31200 + 23100) = 135150

Average number of unsold cars in 2017 = $\frac{135150}{5}$ = 27030

Hence, option D is correct.

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5. Total number of cars manufactured by Toyota and Honda together in 2017 = (60000 + 75000) = 135000

Total number of cars manufactured by Hyundai and Mahindra together in 2017 = (80000 + 70000) = 150000

Desired % = $\frac{135000}{150000} \times 100 = 90\%$

Hence, option C is correct.

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