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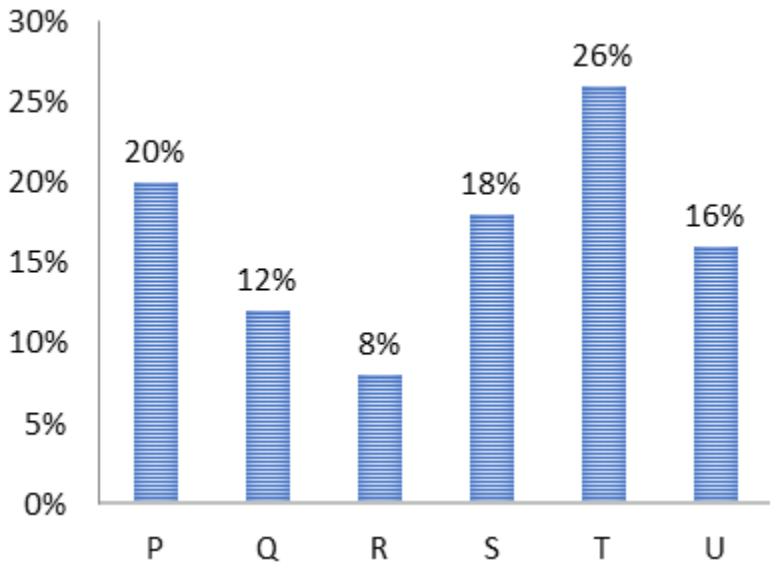
Date Interpretation Mixed Chart Questions Quiz for SBI Clerk Pre and IBPS Clerk Pre Exams.

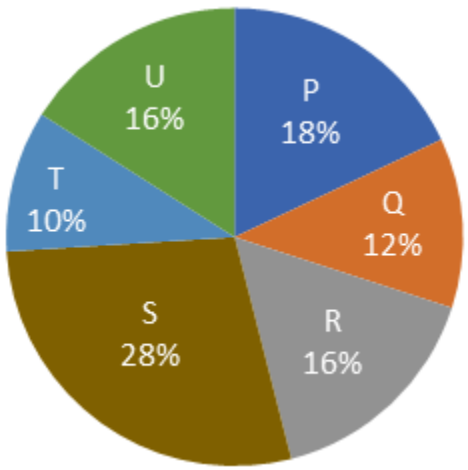
DI Mixed Chart Quiz 56

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

Suzuki has manufactured total number of 120000 bikes of 6 different brands, P, Q, R, S, T, and U in 2017. The following bar graph gives the information about the cumulative percentage of six different brands manufactured by Suzuki in 2017.



The following pie chart gives the information about the cumulative percentage of six different brands manufactured by Suzuki in 2016.



The ratio of the total number of bikes manufactured by Suzuki in 2017 to the total number of bikes manufactured by Suzuki in 2016 is 3 : 2.

1. What is the sum of the total number of bikes of T brand manufactured by Suzuki in 2016 and 2017 together?

A. 39400 B. 29400 C. 33400 D. 32400 E. None of these

2. The total number of bikes of R brands manufactured by Suzuki in 2017 is approximately what percentage of the total number of bikes of S brands manufactured by Suzuki in 2016?

A. 42.86% B. 48.32% C. 52.54% D. 32.82% E. None of these

3. What is the ratio of the total number of P brand bikes manufactured by Suzuki in 2017 to 2016?

A. 10 : 9 B. 3 : 2 C. 5 : 3 D. 4 : 3 E. None of these

4. What is the difference between the total number of S type bikes manufactured by Suzuki in 2017 and the total number of S type bikes manufactured by Suzuki in 2016?

A. 800 B. 1200 C. 1000 D. 600 E. None of these

5. 90% of U type bikes manufactured by Suzuki in 2016 and 2017 together were sold by the company then what was the total number of U type bikes manufactured by Suzuki in 2016 and 2017 together which were unsold?

A. 3200 B. 3400 C. 3800 D. 4200 E. None of these

Correct Answers:

1	2	3	4	5
E	A	C	A	A

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Explanations:

1. The ratio of the total number of bikes manufactured by Suzuki in 2017 to the total number of bikes manufactured by Suzuki in 2016 is 3 : 2

the total number of bikes manufactured by Suzuki in 2017 = 120000

therefore, the total number of bikes manufactured by Suzuki in 2016

$= \frac{2 \times 120000}{3} = 80000$

In 2016, the total number of bikes of T brand manufactured by Suzuki in 2016 = 10% of 80000 = 8000

the total number of bikes of T brand manufactured by Suzuki in 2017 = 26% of 120000 = 31200

the required sum = 8000 + 31200 = 39200

Hence, option E is correct.

2. The total number of bikes of R brands manufactured by Suzuki in 2017 = 8% of 120000 = 9600

the total number of bikes of S brands manufactured by Suzuki in 2016 = 28% of 80000 = 22400

The reqd. % $= \frac{9600 \times 100}{22400} = 42.86\%$ approximately

Hence, option A is correct.

3. The required ratio = 20% of 120000: 18% of 80000 = 5 : 3

Hence, option C is correct.

4. The total number of S type bikes manufactured by Suzuki in 2017 = 18% of 120000 = 21600

the total number of S type bikes manufactured by Suzuki in 2016 = 28% of 80000 = 22400

The required difference = 800

Hence, option A is correct.

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5. The total number of U type bikes manufactured by Suzuki in 2016 and 2017 together = 16% of 120000 + 16% of 80000 = 32000

the total number of U type bikes manufactured by Suzuki in 2016 and 2017 together were unsold = (100 – 90)% of 32000 = 3200

Hence, option A is correct.

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