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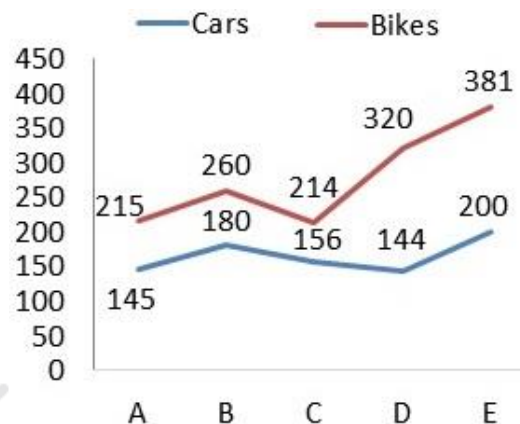
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DI Line Chart Questions for IBPS PO Pre, SBI PO Pre, SBI Clerk Mains and IBPS Clerk Mains Exams.

DI Line Chart No 46

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

The chart given below shows the number of cars and bikes in five different societies.



Total vehicles in a society = Bikes + Cars

- 1. The difference between the number of bikes and cars in society B is what percent of the total number of vehicles in society A?**
A. 25% B. 22.22% C. 27.5% D. 18.5% E. 21.45%
- 2. What is the ratio of the average number of cars in society D, B and C to the total number of vehicles in society B?**
A. 7 : 10 B. 7 : 11 C. 4 : 11 D. 7 : 15 E. 29 : 88
- 3. What is the average number of cars in all five societies?**
A. 165 B. 175 C. 162 D. 157 E. None of these
- 4. What is the difference between the total number of vehicles in society C and E and the total number of vehicles in society B and D?**
A. 43 B. 57 C. 53 D. 47 E. 33
- 5. What is the difference between the total number of bikes in A, D and E and the total number of cars in D and E?**
A. 562 B. 582 C. 594 D. 572 E. None of these

Correct Answers:

1	2	3	4	5
B	C	A	D	D



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Common explanations :

Society	Cars	Bikes	Total
A	145	215	360
B	180	260	440
C	156	214	370
D	144	320	464
E	200	381	581
Total	825	1390	2215



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Answers :

1. From the common explanation, we get

$$\text{Difference between the number of bikes and cars in society B} = 260 - 180 = 80$$

$$\text{Total number of vehicles in society A} = 360$$

$$\text{Reqd. \%} = \frac{80}{360} \times 100 = 22.22\%$$

Hence, option B is correct.

2. From the common explanation, we get

$$\text{Average cars in B, C and D} = \frac{180 + 156 + 144}{3} = 160$$

$$\text{Reqd. ratio} = \frac{160}{440} = \frac{4}{11}$$

Hence, option C is correct.

3. From the following common explanation, we get

$$\text{Reqd. average} = \frac{825}{5} = 165$$

Hence, option A is correct.

4. From the common explanation, we get

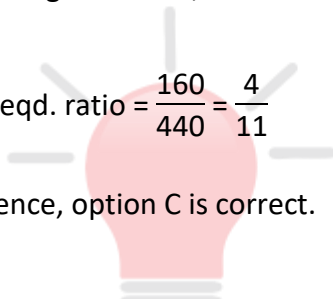
$$\text{Required difference} = (581 + 370) - (464 + 440) = 47$$

Hence, option D is correct.

5. From the common explanation, we get

$$\text{Required difference} = (215 + 320 + 381) - (144 + 200) = 572$$

Hence, option D is correct.



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