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Date Interpretation Table Chart Questions for LIC AAO, SBI PO Pre, IBPS PO Pre, SBI Clerk Mains and IBPS Clerk Mains Exams.

DI Table Chart Quiz 85

Directions: Study the following table chart carefully and answer the questions given below:

The following graph gives the information about the sale of mobile by six different companies (A, B, C, D, E and F) over the years. Study the table carefully and answer the questions that follow.

Company/Years	2013	2014	2015	2016	2017
A	5643	6532	5423	78932	56781
B	2456	7462	6512	67823	54395
C	1890	2364	9812	67923	67809
D	6742	6354	5613	67120	56721
E	6792	6210	6821	71200	78912
F	5421	5637	2573	45321	36544

1. What is the difference between the average of the total number of mobile phone sold by company A over the years and the average of the total number of mobile phone sold by company F over the years?

- A. 11563 B. 12563 C. 11463 D. 11363 E. None of these

2. The number of mobile phones sold by Company D in 2013 is approximately what percent of the total number of mobile phone sold in that year?

- A. 27.89% B. 31.28% C. 16.52% D. 23.29% E. 35.43%

3. What is the percentage increase (approximately) in the sale of mobile phones by Company A in 2014 over the previous year?

- A. 18.65% B. 15.75% C. 19.65% D. 10.21% E. 20.50%

4. What is the average number of mobile phones sold by all the companies together in 2017?

- A. 58527 B. 59627 C. 58127 D. 58537 E. None of these

5. The number of mobile phones sold by company E in 2014 is approximately what percent of the number of mobile phones sold by company F in 2013?

- A. 84.65% B. 114.55% C. 121.65% D. 108.45% E. None of these

Correct Answers:

1	2	3	4	5
A	D	B	A	B

Explanations:

1. Average of total number of mobile phone sold by company A over the years

$$= \frac{153311}{5} = 30662.2$$

the average of total number of mobile phone sold by company F over the years

$$= \frac{95496}{5} = 19099.2$$

$$\text{Required difference} = 30662.2 - 19099.2 = 11563.2 = 11563.$$

Hence, option A is correct.

2. The number of mobile phones sold by Company D in 2013 = 6742

The total number of mobile phones sold in 2013 = 28944 The required percentage

$$= 6742 \times \frac{100}{28944} = 23.29\% \text{ approximately}$$

Hence, option D is correct.

3. The sale of mobile phones by Company A in 2014 = 6532

The sale of mobile phones by Company A in 2013 = 5643

$$\text{The required percentage} = (6532 - 5643) \times \frac{100}{5643} = 15.75\% \text{ approximately}$$

Hence, option B is correct.

4. the average number of mobile phones sold by all the companies together in 2017

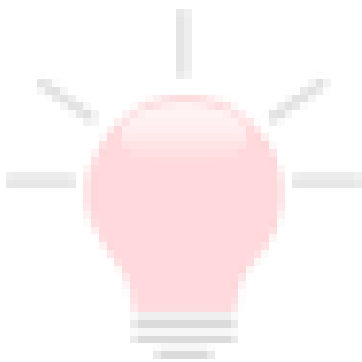
$$= \frac{351162}{6} = 58527$$

Hence, option A is correct.

5. The number of mobile phones sold by company E in 2014 = 6210

The number of mobile phones sold by company F in 2013 = 5421 The required percentage
= $6210 \times \frac{100}{5421} = 114.55\%$ approximately

Hence, option B is correct.



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