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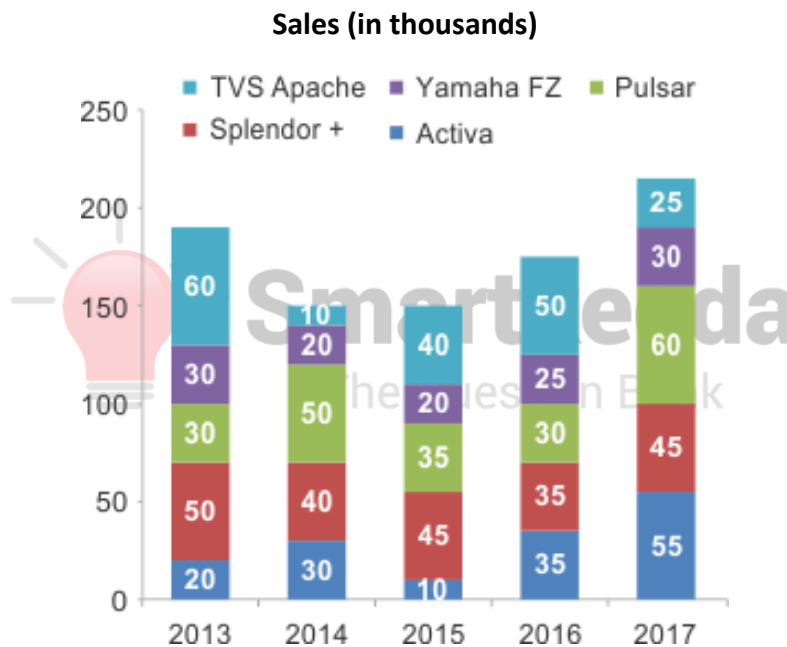
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DI Bar Chart Based Questions for IBPS PO Pre, IBPS Clerk, LIC AAO, RRB Scale I Pre, SBI PO Pre and SBI Clerk Exams

DI Bar Chart No 53

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

The following stacked bar chart gives the information about the sale of five bikes for the period of five consecutive years.



1. The total sales of Activa for the given five years is what percent of the total sales of all the bikes for the given five years?

- A. 17.04% B. 17.24% C. 17.09%
- D. 17.01% E. 17.02%

2. By what percent is the average annual sales of Pulsar for the given period more than the sales of TVS Apache in 2017?

- A. 64.02% B. 64% C. 39.02%
- D. 40.02% E. None of these

3. If it is expected that the sales of Pulsar will be increased by 25% from 2017 to 2018, and the sales of Active will be increased by 30% from 2017 to 2018 and the sales of every other bikes will be decreased by 10% for this period then how many bikes will be sold in 2018? (If expectations come true)

A. 236400

B. 226500

C. 246500

D. 218500

E. None of these

4. The total sales of Splendor plus for the given five years is what percent of the total sales of Pulsar for the given five years?

A. 105.88%

B. 106.87%

C. 104.78%

D. 104.88%

E. 104.82%

5. For how many years the average annual sales of Yamaha FZ for the given period is less than the sales of Activa in any of the given year?

A. 1

B. 2

C. 3

D. 4

E. 4



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Correct answer:

1	2	3	4	5
A	B	E	D	C

Explanation:

1. Total sales of all the bikes = $190 + 150 + 150 + 175 + 215 = 880$ thousands

The sales of Activa = $20 + 30 + 10 + 35 + 55 = 150$

$$\text{Hence, reqd. \%} = \frac{150}{880} \times 100 = 17.04\%$$

Therefore, option A is correct.

2. Total sales of Pulsar = $30 + 50 + 35 + 30 + 60 = 205$

$$\text{Average sales of Pulsar} = \frac{205}{5} = 41$$

And the sales of TVS Apache in 2017 = 25

$$\text{Hence, reqd. \%} = \frac{(41 - 25) \times 100}{25} \% = 64 \%$$

Therefore, option B is correct.

3. Sales of Pulsar in 2017 = 60 thousands

In 2018, sales of pulsar = 125% of 60 thousand = 75000

Sales of Activa in 2017 = 55,000

In 2018, sales of Activa = 130% of 55000 = 71500

Sales of (Splendor plus + Yamaha FZ + TVS Apache) = 100,000

Now its sales will be decreased by 10% = 90% of 100,000 = 90,000

Total sales in 2018 = 75000 + 71500 + 90000 = 236500

Hence, option E is correct.

4. Total sales of splendor for the given 5 years = 50 + 40 + 45 + 35 + 45 = 215 thousand

The total sales of pulsar for the given five years = 205 thousand

$$\text{Reqd. \%} = \frac{215 \times 100}{205} \% = 104.88 \%$$

Hence, option D is correct.

5. Total sales of Yamaha FZ = 30 + 20 + 20 + 25 + 30 = 125 thousand

$$\text{Average} = \frac{125}{5} = 25 \text{ thousand}$$

From the chart it is clear that it is less than the sales of Activa in 2014, 2016 and, 2017

Hence, option C is correct.

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