



Bipin Nambiar  
(SBI PO 2018)



Shiraz Khan  
(SBI Clerk 2018)



Kuldeep Yadav  
(SBI PO 2018)



Rajat Saxena  
(IBPS Clerk 2018)



Anupam Tyagi  
(IBPS PO 2018)

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

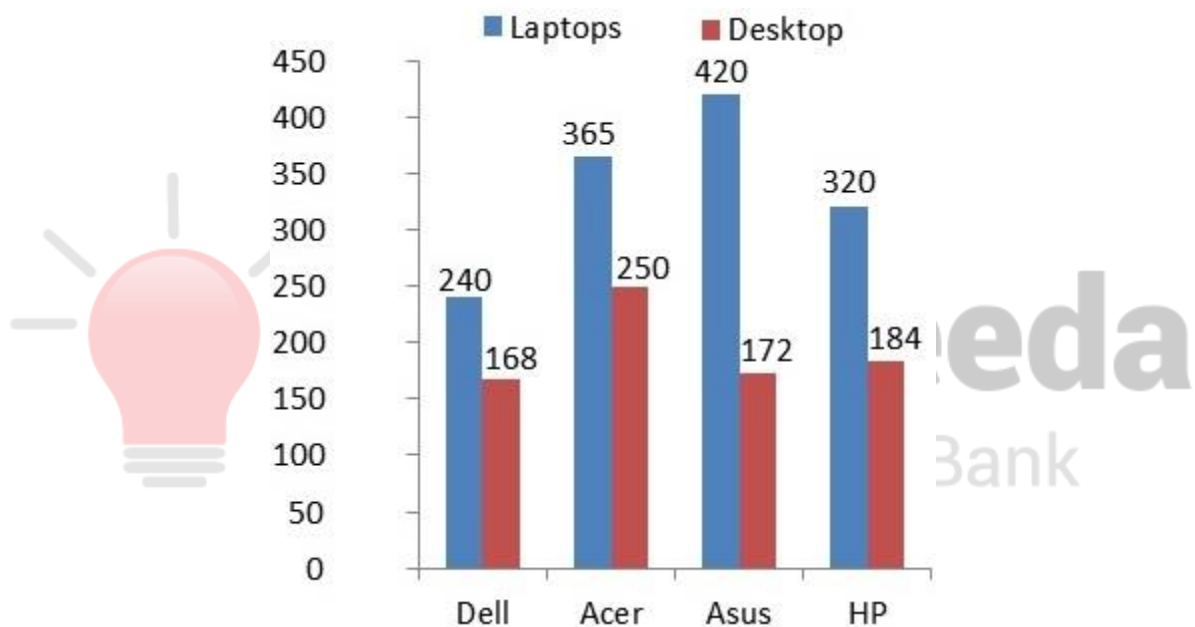
## DI Mixed Chart No.81

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

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

Four companies Asus, Dell, Acer and HP sell Laptops, Desktops and Printers.

The chart given below shows the number of Laptops and Desktops sold by each company.



The table given below shows the printers sold as a percentage of the sum of Desktops, Laptops and Printers sold by each company.

Company	Printers
Dell	15%
Acer	18%
Asus	26%
HP	28%

1. The total number of printers sold by Dell is what percent of total number of printers sold by Acer?
 

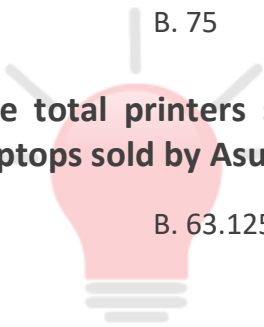
A. 45.55%      B. 53.33%      C. 62.5%      D. 48.75%      E. None of these
2. What is the average number of products (Laptops, Desktops & Printers) sold by Acer and Asus?
 

A. 785      B. 765      C. 775      D. 780      E. 795
3. What is the difference between the total laptops sold by Dell, Acer and Asus and the total Desktops sold by Acer, Asus and HP?
 

A. 421      B. 429      C. 389      D. 431      E. None of these
4. What is the difference between the total number of Desktops and Printers sold by Acer and Asus together and the total number of Laptops, Desktops and Printers sold by HP?
 

A. 55      B. 75      C. 72      D. 65      E. None of these
5. The total printers sold by Asus and HP together are what percent of the total Laptops sold by Asus and Desktops sold by Acer?
 

A. 62.75%      B. 63.125%      C. 65.25%      D. 58.125%      E. None of these



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**Correct Answers:**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
B	C	E	D	E

**Common explanations :**

For Dell,

Laptops sold = 240

Desktops sold = 168

Printers sold = 15%

So Laptops + Desktop = 85%

Laptops + Desktops + Printers

$$= \frac{(240 + 168) \times 100}{85} = 480$$

$$\text{Printers sold} = \frac{480 \times 15}{100} = 72$$

Similarly calculating for each company we get:

Company	Laptops	Desktop	Printers	Total
Dell	240	168	72	480
Acer	365	250	135	750
Asus	420	172	208	800
HP	320	184	196	700
Total	1345	774	611	2730

1. Following the common explanation, we get

$$\text{Reqd. \%} = \frac{72}{135} \times 100 = 53.33\%$$

Hence, option B is correct.

2. Following the common explanation, we get

$$\text{Reqd. average} = \frac{750 + 800}{2} = 775$$

Hence, option C is correct.

3. Following the common explanation, we get

Total laptops sold by Dell, Acer and Asus =  $(240 + 365 + 420) = 1025$

Total Desktops sold by Acer, Asus and HP =  $(250 + 172 + 184) = 606$

Required difference =  $(1025 - 606) = 419$

Hence, option E is correct.

4. Following the common explanation, we get

Total number of Desktops and Printers sold by Acer and Asus =  $(250 + 135 + 172 + 208) = 765$

Total number of Laptops, Desktops and Printers sold by HP =  $(320 + 184 + 196) = 700$

Required difference =  $(765 - 700) = 65$

Hence, option D is correct.

5. Following the common explanation, we get

$$\text{Reqd. \%} = \frac{404}{670} \times 100 = 60.3\%$$

Hence, option E is correct.





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