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

## DI Line Chart No 40

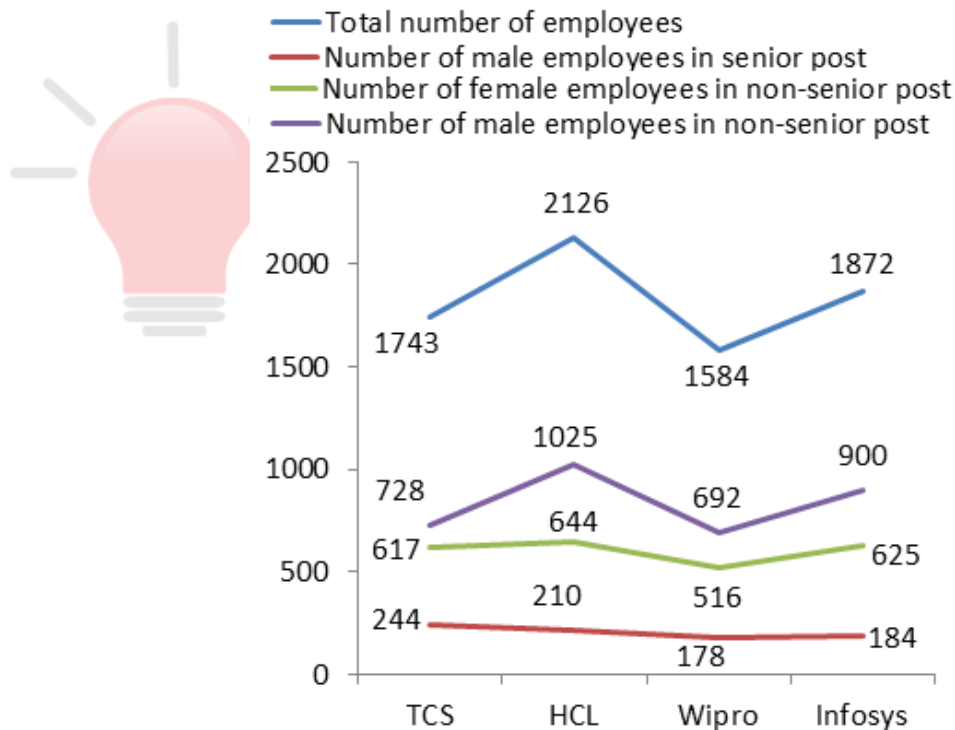
Directions : Study the following line chart carefully and answer the questions given beside.

The line chart below shows the number of employees and the number of male employees in four different companies.

Note 1: Total number of employees = Number of (male + female) employees

Note 2: Total number of male employees = number of male employees in senior post + number of male employees in non-senior post

Note 3: Total number of female employees = number of female employees in senior post + number of female employees in non-senior post



1. The total numbers of male employees in all the companies together is what percentage of the total number of employees in all the given companies together?

A. 64.2%

B. 56.8%

C. 53.6%

D. 61.2%

E. None of these

2. Find the difference between the total number of males in non-senior post in all the companies together and the total number of females in non-senior post in all the companies together.

- A. 911                      B. 824                      C. 778                      D. 943                      E. None of these

3. Find the ratio of the total number of male employees in senior post in all the companies together to the total number of female employees in senior post in all the companies together.

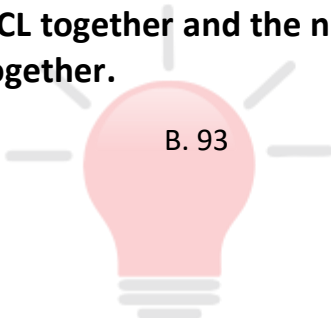
- A. 14 : 11                      B. 141 : 130                      C. 136 : 127                      D. 47 : 77                      E. None of these

4. Find the average number of female employees in each company.

- A. 818                      B. 743                      C. 791                      D. 798                      E. None of these

5. Find the difference between the number of male employees in senior post in TCS and HCL together and the number of female employees in senior post in Wipro and Infosys together.

- A. 87                      B. 93                      C. 81                      D. 97                      E. None of these



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Correct Answers:

1	2	3	4	5
B	D	C	C	B



## Explanations :

1. Total number of male employees in senior post =  $(244 + 210 + 178 + 184) = 816$

Total number of male employees in non senior post =  $(728 + 1025 + 692 + 900) = 3345$

Total number of employees =  $(1743 + 2126 + 1584 + 1872) = 7325$

$$\text{Reqd. \%} = \frac{3345 + 816}{7325} \times 100 = 56.8\%$$

Hence, option B is correct.

2. Total number of male employees in non senior post =  $(728 + 1025 + 692 + 900) = 3345$

Total number of female employees in non senior post =  $(617 + 644 + 516 + 625) = 2402$

Required difference =  $(3345 - 2402) = 943$

Hence, option D is correct.

3. Total number of employees =  $(1743 + 2126 + 1584 + 1872) = 7325$

Total number of male employees in senior post =  $(244 + 210 + 178 + 184) = 816$

Total number of male employees in non senior post =  $(728 + 1025 + 692 + 900) = 3345$

Total number of female employees in non senior post =  $(617 + 644 + 516 + 625) = 2402$

Total number of female employees in senior post =  $(7325 - 816 - 3345 - 2402) = 762$

Required ratio =  $816 : 762 = 136 : 127$

Hence, option C is correct.

4. Total number of employees =  $(1743 + 2126 + 1584 + 1872) = 7325$

Total number of male employees in senior post =  $(244 + 210 + 178 + 184) = 816$

Total number of male employees in non senior post =  $(728 + 1025 + 692 + 900) = 3345$

Total number of female employees in non senior post =  $(617 + 644 + 516 + 625) = 2402$

Total number of female employees in senior post =  $(7325 - 816 - 3345 - 2402) = 762$

$$\text{Reqd. average} = \frac{2402 + 762}{4} = 791$$

Hence, option C is correct.

5. Male employees in senior post in TCS and HCL together =  $(244 + 210) = 454$

Female employees in senior post in Wipro =  $(1584 - 178 - 692 - 516) = 198$

Female employees in senior post in Infosys =  $(1872 - 184 - 900 - 625) = 163$

Required difference =  $454 - (198 + 163) = 93$

Hence, option B is correct.



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