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# DI table Chart Questions for SBI PO Pre, IBPS PO Pre, SBI Clerk Mains, IBPS Clerk Mains and LIC AAO Pre Exams.

## DI Table Chart No. 127

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

Number of candidates appeared for the interview and % of candidates selected out of those who appeared from 2015 to 2019 in a company XYZ.

Year	Marketing Department		HR Department	
	No. of candidates appeared	% of candidates selected	No. of candidates appeared	% of candidates selected
2015	220	45%	420	40%
2016	270	50%	380	45%
2017	250	30%	260	60%
2018	320	60%	480	55%
2019	480	40%	220	50%

1. Find the average number of candidates who were not selected in HR department in 2016 and 2017 together?

- A. 146.5      B. 156.5      C. 165.5      D. 176.5      E. 106.5

2. Number of candidates who were not selected in marketing department in 2017 is what percentage of the number of candidates who were not selected in HR department in the same year?

- A.  $168\frac{7}{26}\%$       B.  $160\frac{9}{26}\%$       C.  $158\frac{7}{25}\%$       D.  $147\frac{8}{21}\%$       E.  $138\frac{6}{25}\%$

3. Find the ratio between the total numbers of candidates appeared for the interview in marketing department from 2016 to 2018 together and the total number of candidates appeared for the interview in HR department from year 2017 to 2019 together?

- A. 5 : 8      B. 6 : 5      C. 7 : 8      D. 7 : 5      E. 3 : 4

4. Find the difference between the total number of candidates who were selected in Marketing in the year 2016 and total number of candidates who were not selected in HR in the year 2019.

- A. 20      B. 30      C. 35      D. 25      E. 40

5. Find the average number of candidates appeared for the interview in HR from year 2015 to 2018 together?

A. 885

B. 685

C. 585

D. 485

E. 385

Correct Answers:

1	2	3	4	5
B	A	C	D	E



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## Explanations :

1. Number of candidates who were not selected in HR department in 2016  
 $= 380 \times \frac{55}{100} = 209$

Number of candidates who were not selected in HR department in 2017  
 $= 260 \times \frac{40}{100} = 104$

Reqd. average =  $\frac{209 + 104}{2} = 156.5$

Hence, option B is correct.

2. Number of candidates who were not selected in marketing department in 2017  
 $= 250 \times \frac{70}{100} = 175$

Number of candidates who were not selected in HR department in 2017  
 $= 260 \times \frac{40}{100} = 104$

Reqd. % =  $\frac{175 \times 100}{104} = 168 \frac{7}{26} \%$

Hence, option A is correct.

3. Total numbers of candidates appeared for the interview in marketing department from 2016 to 2018 together =  $270 + 250 + 320 = 840$

Total number of candidates appeared for the interview in HR department from year 2017 to 2019 together =  $260 + 480 + 220 = 960$

Reqd. ratio =  $\frac{840}{960} = \frac{7}{8}$

Hence, option C is correct.



4. Total number of candidates who were selected in Marketing in the year 2016

$$= 270 \times \frac{50}{100} = 135$$

Total number of candidates who were not selected in HR in the year 2019

$$= 220 \times \frac{50}{100} = 110$$

$$\text{Required difference} = (135 - 110) = 25$$

Hence, option D is correct.

5. Average number of candidates appeared for the interview in HR from year 2015 to 2018 together

$$= \frac{420 + 380 + 260 + 480}{4} = \frac{1540}{4} = 385$$

Hence, option E is correct.



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