

## Date Interpretation Pie Chart Questions for SBI Clerk Pre, IBPS Clerk Pre, RBI Assistant, LIC Assistant and IBPS RRB Exams.

DI Pie Chart Quiz 50
Direction : Study the following pie chart carefully and answer the questions given beside.
The following pie - chart shows the percentage distribution of candidates who were selected in RBI exam from six different districts of MP.
Total selected candidates from MP $=54000$


Jabalpur
16\%

## Questions:

1. The average number of candidates who were selected in RBI exam from Gwalior, Indore and Raisen together?
A. 9630
B. 9430
C. 9360
D. 9560
E. 9240
2. Total candidates selected from Jabalpur is what percent of the total candidates selected from Gwalior?
A. 125\%
B. $55.55 \%$
C. $225 \%$
D. $44.44 \%$
E. 22.5\%
3. Out of total selected candidates from Gwalior, if $\mathbf{2 0 \%}$ candidates are female, then find the total male candidates who are selected from Gwalior?
A. 15552
B. 31104
C. 3888
D. 11664
E. 14342
4. Out of the total selected candidates from Jabalpur and Indore, selected female candidates are $10 \%$ and $5 \%$ respectively. The number of selected male candidates from Jabalpur is how much more/less than the number of selected male candidates from Indore?
A. $23.41 \%$ more
B. $26.31 \%$ more
C. $25 \%$ less
D. $28 \%$ less
E. $30.01 \%$ more
5. What is the difference between number of candidates selected in RBI exam from Bhopal and Sehore?
A. 12960
B. 8640
C. 4320
D. 7560
E. 6480

## Correct Answers:

| $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ |
| :--- | :--- | :--- | :--- | :--- |
| C | D | A | B | B |

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## Answers :

1. Number of candidates selected in RBI exam from Gwalior $=36 \%$ of $54000=19440$

Number of candidates selected in RBI exam from Indore $=12 \%$ of $54000=6480$

Number of candidates selected in RBI exam from Raisen $=4 \%$ of $54000=2160$

Reqd. average $=\frac{19440+6480+2160}{3}=\frac{28080}{3}=9360$

Hence, option C is correct.
2. Number of candidates selected from Jabalpur $=16 \%$ of 54000

Number of candidates selected from Gwalior $=36 \%$ of 54000
Reqd. $\%=\frac{16 \times 540 \times 100}{36 \times 540} \rightarrow 44.44 \%$

Hence, option D is correct.
3. Total selected candidates from Gwalior $=36 \%$ of $54000=19440$
$20 \%$ out of 19440 are females, $80 \%$ out of 19440 will be males.

Number of selected males $=\frac{80 \times 19440}{100}=15552$

Hence, option A is correct.

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4. Number of selected candidates from Jabalpur $=16 \%$ of $54000=8640$
$10 \%$ out of 8640 are females, $90 \%$ out of 8640 are males

Number of selected males from Jabalpur
$=\frac{90 \times 8640}{100}=7776$
Number of selected candidates from Indore $=12 \%$ of $54000=6480$
$5 \%$ out of 6480 are females, $95 \%$ out of 6480 are males

Number of selected males from Indore
$=\frac{95 \times 6480}{100}=6156$

Reqd. \% $=\frac{(7776-6156) \times 100}{6156}=\frac{1620 \times 100}{6156}$
$\rightarrow 26.31 \%$ more

Hence, option B is correct.
5. Number of candidates selected in RBI exam from Bhopal $=24 \%$ of 54000

Number of candidates selected in RBI exam from Sehore $=8 \%$ of 54000
Required difference $=\{24-8\} \%$ of 54000
$\rightarrow \frac{16 \times 54000}{100}=8640$

Hence, option B is correct.

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