

## 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.
Percentage breakup of the number of students in five different colonies and break up of students attending college from those colonies is given.

Total number of student $=5600$


Total number of students attending college $=3400$


## Questions:

1. What is the total number of students not attending college from colony $B$ and $C$ together?
A. 532
B. 543
C. 544
D. 562
E. 582
2. What is the ratio of the total number of students from colony $D$ to the number of students attending college from the same colony?
A. $23: 16$
B. $24: 17$
C. $34: 15$
D. $36: 13$
E. $38: 17$
3. The number of students attending college from colony $\mathbf{A}$ is approximately, what percentage of the total number of students from the same colony?
A. $70 \%$
B. $80 \%$
C. $57 \%$
D. $50 \%$
E. 45\%
4. What is the average number of students attending college from colony $B, C$ and $D$ together?
A. 724
B. 720
C. 754
D. 714
E. 734
5. What is the ratio between total numbers of students in colony C to the total number of students attending college from colony $B$ ?
A. $9: 13$
B. $13: 19$
C. $12: 19$
D. $14: 13$
E. $11: 17$

## Correct Answers:

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

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## Answers :

1. In colony B,

Total students $=56 \times 24$

Total students attending college $=28 \times 34$

Total students not attending college $=56 \times 24-28 \times 34$
In colony C,
Total students $=56 \times 11$

Total students attending college $=14 \times 34$
Total students not attending college $=56 \times 11-14 \times 34$

Total number of students not attending college from colony B and C together $=$
$56 \times 24-28 \times 34+56 \times 11-14 \times 34$
$=56 \times 35-34 \times 42$
$=1960-1428=532$

Hence, option A is the correct answer.
2. Total students from colony $D=18 \times 56$

Total students attending college from colony D $=21 \times 34$
Reqd. ratio $=\frac{18 \times 56}{21 \times 34}=24: 17$
Hence, option B is the correct answer.

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3. In colony A,

Total number of students $=16 \times 56$
Total students attending college $=15 \times 34$
Reqd. $\%=\frac{15 \times 34}{16 \times 56} \times 100=56.9 \approx 57 \%$

Hence, option C is the correct answer.
4. Students attending college from colony B $=28 \times 34$

Students attending college from colony C $=14 \times 34$
Students attending college from colony D $=21 \times 34$

$$
=\frac{90 \times 8640}{100}=7776
$$

Average $=$ $\qquad$ $=21 \times 34=714$
3

Hence, option D is the correct answer.
5. Total number of students in colony $\mathrm{C}=56 \times 11$

Total number of students attending college from colony B = $28 \times 34$

$$
\text { Reqd. ratio }=\frac{56 \times 11}{28 \times 34}=11: 17
$$

Hence, option E is the correct answer.

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