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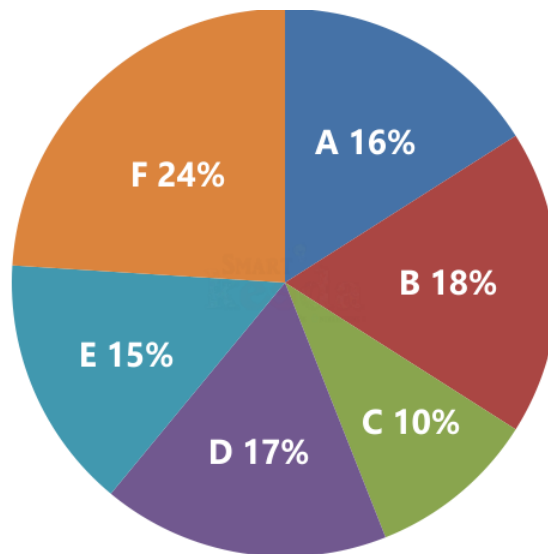
# Date Interpretation Pie Chart Questions for Bank Clerk Mains & PO Exams.

## DI Pie Chart Quiz 19

**Directions:** Study the following graph carefully & answer the questions given below it.

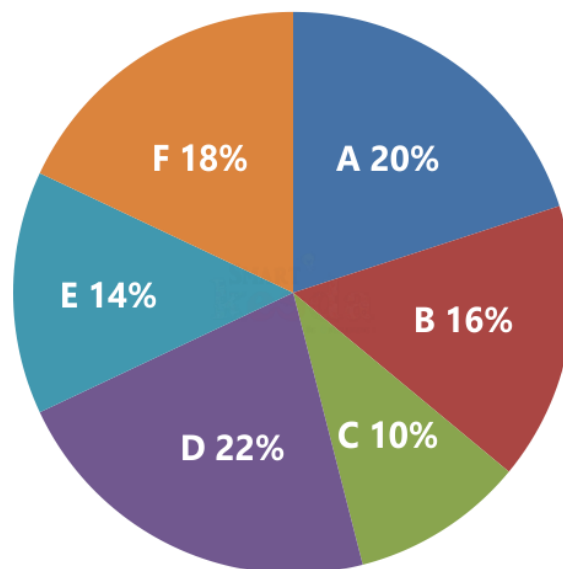
The following pie-charts shows the percentage distribution of the total students passed from six different colleges. The second pie-chart shows the percentage distribution of the total girls passed from six different colleges. The total number of passed students is 7.5 thousand and 40% of them are girls.

Chart – I



Total students = 7500

Chart – II



Total girls = 3000

1. In which of the following colleges is the ratio of the number of passed boys to the number of passed girls 1 : 1?

- A. A                      B. B                      C. C                      D. D                      E. E

2. In which of the following colleges is the number of passed girls students more than the number of passed boy students?

- A. B                      B. C                      C. D                      D. E                      E. F

3. In which of the following colleges the difference between the number of passed boy students and the number of passed girl students is the maximum?

- A. B                      B. C                      C. D                      D. E                      E. F

4. The boys students who passed from College E is approximately what per cent of the girl students passed from College C?

- A. 65%                      B. 185%                      C. 205%                      D. 235%                      E. 275%

5. The number of boys who passed from College B is approximately what per cent more or less than the number of girls who passed from the same college?

- A. 67%                      B. 72%                      C. 81%                      D. 87%                      E. 92%

**Correct Answers:**

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

## Explanations:

1. Total number of students in College A

$$= 7500 \times \frac{16}{100} = 1200$$

Number of girls students in College A

$$= 3000 \times \frac{20}{100} = 600$$

∴ Number of boy students in College A =  $1200 - 600 = 600$ .

∴ Reqd. ratio = 1 : 1

Hence, option A is correct.

2. While solving this question through hit and trial method we'll start with college D because the given percentage of girls is highest of all in college D.

Total Number students in College D

$$= 7500 \times \frac{17}{100} = 1275$$

Number of girl students in College D

$$= 3000 \times \frac{22}{100} = 660$$

Number of boy students in College D =  $1275 - 660 = 615$ .

Hence, option C is correct.

3. We can actually solve this question intuitively. We can observe that the highest percentage of boys is in college F and in the same college the percentage of girls is also 18% of 3000 and their difference will obviously be the highest of all the given options considering their percentage values in mind.

Hence, option E is correct.

4. Number of boy students in College E

$$= 7500 \times \frac{15}{100} - 3000 \times \frac{14}{100} = 1125 - 420 = 705$$

Number of girl students in College C

$$= 3000 \times \frac{10}{100} = 300$$

$$\therefore \text{Reqd. \%} = \frac{705}{300} \times 100 = 235\%$$

Hence, option D is correct.

5.

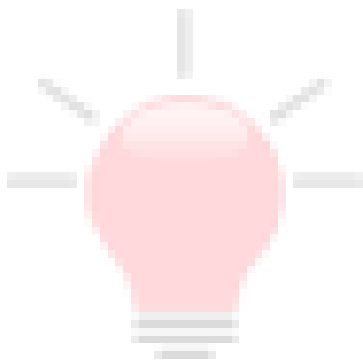
$$\text{Total number of students in College B} = 7500 \times \frac{18}{100} = 1350$$

$$\text{Total number of girl students in College B} = 3000 \times \frac{16}{100} = 480$$

$$\text{Number of boy students in College B} = 1350 - 480 = 870$$

$$\therefore \text{Reqd. \%} = \frac{(870 - 480)}{480} \times 100 = \frac{39000}{480} = 81.25\% \approx 81\%$$

Hence, option C is correct.



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