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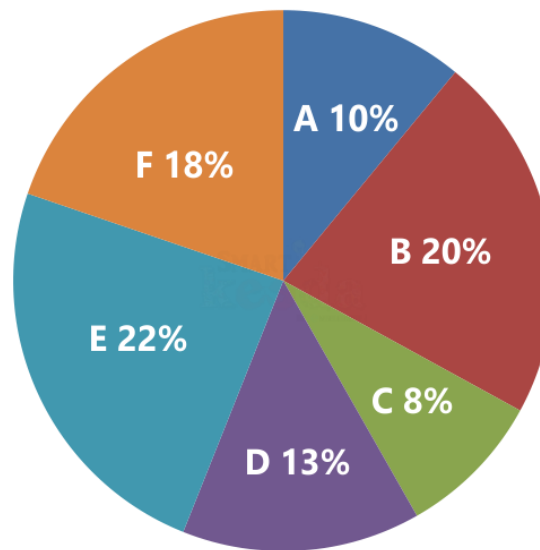
Date Interpretation Mixed Chart Questions Quiz for SBI PO Pre, SBI Clerk Mains, IBPS Clerk Mains & IBPS RRB Exams.

Data Interpretation Mixed Chart Quiz 8

Direction: Study the following pie and table chart carefully and answer the questions based on it.

The total population of seven cities together is 90 lakh. Given pie-chart shows the percentage distribution of this population and the table shows the percentage population below poverty line in these cities.

Total population = 90 lakh

City	population below poverty line
A	48%
B	45%
C	35%
D	40%
E	55%
F	45%
G	50%

1. **What is the population of City C which is above poverty line?**

A. 4.12 lakh   B. 4.48 lakh   C. 4.68 lakh   D. 4.84 lakh   E. 5.12 lakh

2. **What is the difference between the population of City E which is below poverty line and that which is above poverty line?**

A. 1.72 lakh   B. 1.98 lakh   C. 2.24 lakh   D. 2.48 lakh   E. None of these

3. What is the ratio of the population of City A which above poverty line to the population of City D which below poverty line?

A. 1 : 1   B. 2 : 3   C. 3 : 4   D. 5 : 4   E. 5 : 3

4. The population of City G which above poverty line approximately what per cent of the population of City A which is below poverty line?

A. 87%   B. 90%   C. 94%   D. 96%   E. 97%

5. The population of City B which is below poverty line is approximately what percent more/less than the population of City D which is below poverty line?

A. 51%   B. 57%   C. 64%   D. 73%   E. 78%

Correct Answers:

1	2	3	4	5
C	B	A	C	D

Explanations:

1.

Population of City C which is above poverty line = $90 \times \dfrac{8}{100} \times \dfrac{65}{100}$ = 4.68 lakh

Hence, option C is correct.

2.

Reqd. difference = $90 \times \dfrac{22}{100} \times \dfrac{(55 - 45)}{100}$

= $90 \times \dfrac{22}{100} \times \dfrac{10}{100}$ = 1.98 lakh

Hence, option D is correct.

3.

Population of City A which is above poverty line = $90 \times \dfrac{10}{100} \times \dfrac{52}{100}$ = 4.68 lakh

Population of City D which is below poverty line = $90 \times \dfrac{13}{100} \times \dfrac{40}{100}$ = 4.68 lakh

∴ Ratio = 4.68 : 4.68 = 1 : 1

Hence, option A is correct.

4.

Population of City G which is above poverty line = $90 \times \dfrac{9}{100} \times \dfrac{50}{100}$ = 4.05 lakh

Population of City A which is below poverty line = $90 \times \dfrac{10}{100} \times \dfrac{48}{100}$ = 4.32 lakh

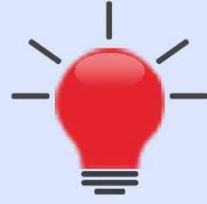∴ Reqd. % = $\dfrac{4.05 \times 100}{4.32}$ = 93.75% ≈ 94%

Hence, option C is correct.

5.

Population of City B which is below poverty line = $90 \times \dfrac{20}{100} \times \dfrac{45}{100}$ = 8.1 lakh

Population of City D which is below poverty line = $90 \times \dfrac{13}{100} \times \dfrac{40}{100}$ = 4.68 lakh

∴ Reqd.% = $\dfrac{8.1 - 4.68}{4.68} \times 100 = \dfrac{342}{4.68}$ = 73.076 ≈ 73%

Hence, option D is correct.