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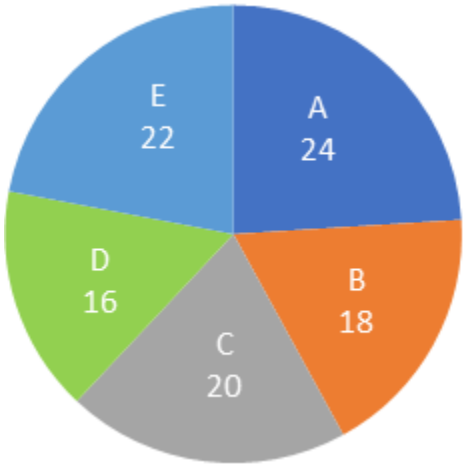
Date Interpretation Mixed Chart Questions Quiz for SBI PO Pre, IBPS PO Pre, SBI Clerk Mains and IBPS Clerk Mains Exams.

DI Mixed Chart Quiz 33

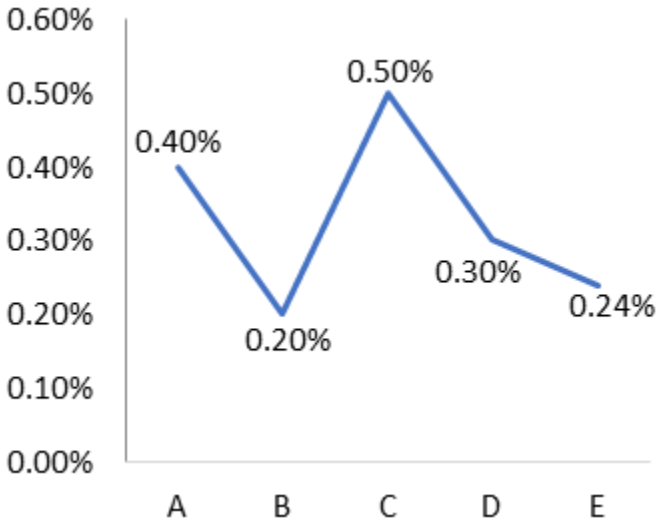
Direction: Study the following pie chart and table chart carefully and answer the questions based on it.

The pie chart given below gives the information about percentage distribution of child labours from five different cities. The line graph given below gives the information about the percentage of child labours with respect to total population of the respective cities.

Total number of child labours = 4800



The percentage of child labours with respect to total population of the respective cities



1. What is the difference between the total population of city A and that of the city D?

A. 34000 B. 32000 C. 36000 D. 42000 E. None of these

2. Find the sum of the total number of people in the cities B and D together who are not child labour?

A. 686368 B. 684268 C. 688632 D. 686248 E. None of these

3. What is the ratio of the total population of city C to that of the city E?

A. 48 : 88 B. 12 : 55 C. 24 : 55 D. 60 : 121 E. None of these

4. The number of child labours in the city A is what percentage of the total population of the city C?

A. 1.2% B. 0.4% C. 0.6% D. 0.8% E. None of these

5. What is the sum of the total population of all the five cities together?

A. 1612000 B. 1628000 C. 1608000 D. 1638000 E. None of these

Correct Answers:

1	2	3	4	5
B	A	C	C	C

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Explanations:

1. In City A, the number of child labours = 24% of 4800 = 1152 = 0.4% of the total population

The total population = $\frac{1152 \times 100}{0.4}$ = 288000

In City B, the number of child labours = 18% of 4800 = 18 × 48 = 0.2% of the total population

The total population = $\frac{18 \times 48 \times 100}{0.2}$ = 432000

In City C, the number of child labours = 20% of 4800 = 20 × 48 = 0.5% of the total population

The total population = $\frac{20 \times 48 \times 100}{0.5}$ = 192000

In City D, the number of child labours = 16% of 4800 = 16 × 48 = 0.3% of the total population

The total population = $\frac{16 \times 48 \times 100}{0.3}$ = 256000

In City E, the number of child labours = 22% of 4800 = 22 × 48 = 0.24% of the total population

The total population = $\frac{22 \times 48 \times 100}{0.24}$ = 440000

The Required difference = 288000 – 256000 = 32000

Hence, option B is correct.

2. The total population of city B and D together = 432000 + 256000 = 688000

The total number of people in the cities B and D together who are not child labour = 688000 – (18 × 48 + 16 × 48) = 688000 – (864 + 768) = 688000 – 1632 = 686368

Hence, option A is correct.

3. The required ratio = 192000 : 440000 = 24 : 55

Hence, option C is correct.

4. The number of child labours in the city A = 1152
The total population of the city C = 192000

The reqd. % = $\frac{1152 \times 100}{192000}$ = 0.6%

Hence, option C is correct.

5. 288000 + 432000 + 192000 + 256000 + 440000 = 1608000

Hence, option C is correct.

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