Date Interpretation Table Chart Questions for IBPS PO Pre, IBPS RRB Scale I Pre, IBPS SO Pre, Canara Bank, Syndicate Bank, SBI PO Pre, SBI Clerk Mains and IBPS Clerk Mains Exams.

DI Table Chart Quiz 95

Directions: Study the following table chart carefully and answer the questions given below:

The following table gives the information about the populations of five different cities in the year 2017.

City	Total populations	Percentage of men	Percentage of women	Percentage of children
A	4860	45%	35%	20%
B	4540	35%	55%	10%
C	1500	44%	38%	18%
D	4850	38%	48%	14%
E	3650	56%	36%	8%

1. What is the ratio of the total number of men in the city C to the total number of women in the city E?

A. 11 : 9   B. 110 : 221   C. 110 : 217   D. 110 : 219   E. None of these

2. In the year 2018, the population of children in the city A increased by 25% over the previous year and the population of children in the city B increased by 50% over the previous year, then what is the average of the population of children in the city A and B together in the year 2018?

A. 984   B. 948   C. 931   D. 924   E. None of these

3. In the city C, among the children the ratio of the boys to the girls was 2 : 3 and in the city D among the children the ratio of the boys to the girls was 4: 3 , then what was the total number of girls (among children) in the city C and city D together?

A. 453   B. 395   C. 473   D. 415   E. None of these

4. The number of women in city D forms approximately what percentage of the number of men in city E? (approximately)

A. 106%   B. 102%   C. 110%   D. 117%   E. 114%

5. If the population of all the cities are combined together then what is the sum of the total number of men and women in all the five cities together?

A. 15873   B. 19458   C. 15993   D. 16733   E. None of these

Correct Answers:

1	2	3	4	5
D	B	A	E	D

Explanations:

1. The required ratio = 44% of 1500 : 36% of 3650

= 44 × 1500 : 36 × 3650 = 11 × 30: 9 × 73 = 110 : 219

Hence, option D is correct.

2. In the year 2017, the population of children in the city A = 20% of 4860

$= 20 \times \dfrac{4860}{100} = 972$

The new population of children in the year 2018 = 125% of 972

$= 125 \times \dfrac{972}{100} = 5 \times \dfrac{972}{4} = 1215$

In the year 2017, the population of children in the city B

$= 10\% \text{ of } 4540 = 10 \times \dfrac{4540}{100} = 1 \times 454 = 454$

The new population of children in the year 2018 = 150% of 454

$= 150 \times \dfrac{454}{100} = 3 \times \dfrac{454}{2} = 681$

The reqd. average $= \dfrac{1215 + 681}{2} = \dfrac{1896}{2} = 948$

Hence, option B is correct.

3. The population of children in the city C = 18% of 1500 = 270

The number of girls in the city C $= \dfrac{3}{5} \times 270 = 162$

The population of children in the city D = 14% OF 4850 = 679

The number of girls in the city D $= \dfrac{3}{7} \times 679 = 291$

The total number of girls children in the city C and city D together = 162 + 291 = 453
Hence, option A is correct.

4. The number of women in the city D = 48% of 4850 = 2328

The number of men in the city E = 56% of 3650 = 2044

The reqd. % = $\dfrac{2328 \times 100}{2044}$ = 113.89% = 114% (approx)
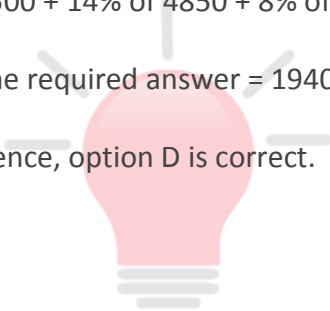
Hence, option E is correct.

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5. If we subtract the total number of children from all the five cities together with the total population of all the five cities together then we can get the total number of men and women in all the five cities together

The total population of all the five cities together = 4860 + 4540 + 1500 + 4850 + 3650 = 19400

The total population of children from all the five cities together = 20% of 4860 + 10% of 4540 + 18% of 1500 + 14% of 4850 + 8% of 3650 = 972 + 454 + 270 + 679 + 292 = 2667

The required answer = 19400 – 2667 = 16733

Hence, option D is correct.