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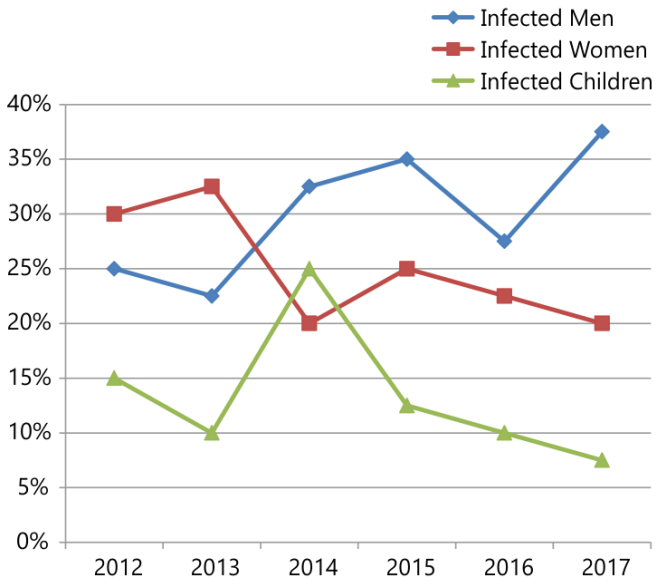
Date Interpretation Mixed Chart Questions Quiz for SBI PO Pre, IBPS PO Pre, SBI Clerk Mains, IBPS Clerk Mains and IBPS RRB Exams.

Data Interpretation Mixed Chart Quiz 12

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

Following chart shows the percentage of infected people by epidemic 'SARS'



Total Number of Men, Women and Children in district over the years

Years	Men	Women	Children
2012	44000	39000	12000
2013	75000	64000	21000
2014	63000	60000	12000
2015	70000	54000	16000
2016	70000	68000	20000
2017	78000	75000	45000

1. What was the approximate average of infected men, infected women and infected children in 2014?

A. 12683 B. 12795 C. 11825 D. 12843 E. 12787

2. The number of infected men in the year 2013 was what percent to the men not suffering from SARS in the same year?

A. 45% B. 29% C. 30.5% D. 25.5% E. None of these

3. What was the ratio of the infected women in the 2014 to the infected men in the year 2016?

A. 6 : 7 B. 21 : 65 C. 15 : 73 D. 48 : 77 E. None of these

4. What is the difference between the number of infected women and infected children together in the year 2017 and the number of infected men in the same year ?

A. 10875 B. 15745 C. 14530 D. 31650 E. None of these

5. What is the percent of non-infected women in 2012 to non-infected men in 2015?

A. 60% B. 55% C. 70% D. 85% E. None of these

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Correct Answers:

1	2	3	4	5
C	B	D	A	A

Explanations:

1. Reqd. average

$$= \frac{63000 \times 32.5\% + 60000 \times 20\% + 12000 \times 25\%}{3}$$

$$= \frac{20475 + 12000 + 3000}{3}$$

$$= \frac{35475}{3} = 11825$$

Hence, option C is correct.

2.

$$\text{Reqd. \%} = \frac{75000 \times 22.5\%}{75000 \times 77.5\%} \times 100 = 29.03\% \approx 29\%$$

Hence, option B is correct.

3.

$$\text{Reqd. ratio} = \frac{60000 \times 20\%}{70000 \times 27.5\%} = \frac{48}{77}$$

Hence, option D is correct.

4. Reqd. difference = (75000 × 20% + 45000 × 7.5%) – (78000 × 37.5%)

= (15000 + 3375) – (29250)

= 18375 – 29250 = 10875

Hence, option A is correct.

5. % of non-infected women = 100 – 30 = 70%

% of non-infected men = 100 – 35 = 65%

$$\text{Reqd.\%} = \frac{70\% \text{ of } 39000}{65\% \text{ of } 70000} \times 100 = 60\%$$

Hence, option D is correct.

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