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Date Interpretation Bar Graph Questions for Bank Exams.

DI Bar Chart Quiz 14

Directions: Study the graph carefully and answer the following questions.

Number of employees (in thousand) working in three different companies over six different years



1. The total number of employees in Company A over the years together was approximately what percent of the total number of employees in Company C in the year 2007 and 2008 together?

- A. 210% B. 225% C. 45% D. 233% E. 155%

2. What was the percentage decrease in the number of employees in Company B in the year 2008 in comparison to the previous year?

- A. 22% B. 10.5% C. 12.5% D. 25% E. 27.5%

3. What was the ratio of the number of employees in Company B in the year 2005 to the number of the employees in Company C in the year 2007?

- A. 5 : 4 B. 2 : 5 C. 4 : 5 D. 2 : 7 E. 3 : 5

4. If 30 per cent of the total number of employees in the year 2006 in all the companies together were females, what was the total number of male employees that year in all the companies together?

- A. 4900 B. 59000 C. 48000 D. 49000 E. 48500

5. What is the ratio of the total employees in all three companies in 2007 to that in 2009?

A. 9 : 8

B. 7 : 6

C. 5 : 4

D. 6 : 5

E. 4 : 3

Correct Answers:

1	2	3	4	5
D	C	B	D	A

Explanations:

1. Total number of employees in Company A over all the years together = $15 + 30 + 45 + 25 + 50 + 45 = 210$

Total number of employees in Company C in the year 2007 and 2008 = $(50 + 40) = 90$

$$\text{Reqd. \%} = \frac{210 \times 100}{90}$$

$$= 233.3\% \approx 233\%$$

Hence, option D is correct.

2. Number of employees in Company B in the year 2008 = 35

Number of employees in Company B in the year 2007 = 40

$$\therefore \% \text{ decrease} = \frac{(40 - 35)}{40} \times 100 = 12.5\%$$

Hence, option C is correct.

3. Number of employees in Company B in the year 2005 = 20

Number of employees in Company C in the year 2007 = 50

$$\therefore \text{Reqd. ratio} = 20 : 50 = 2 : 5.$$

Hence, option B is correct.

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4. Total number of employees in 2006 in all the companies together = $30 + 15 + 25 = 70k$

Number of female employees

$$= 70k \times \frac{30k}{100}$$

$$= 21k$$

\therefore Number of male employees = $(70k - 21k) = 49000$.

Hence, option D is correct.

5. Total number of employees in Company A, B and C in 2007 = $45 + 40 + 50 = 135$

Total number of employees in Company A, B and C in 2009 = $50 + 40 + 30 = 120$

Reqd. ratio = $135 : 120 = 9 : 8$.

Hence, option A is correct.



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