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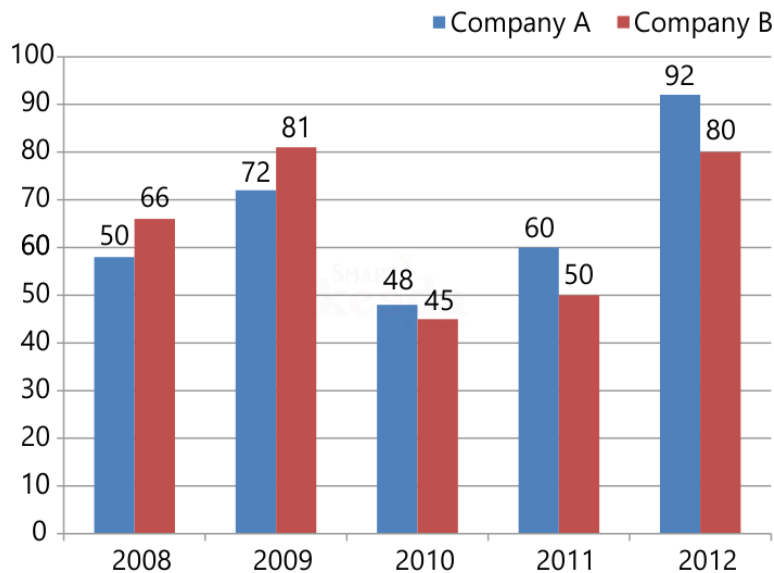
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# Date Interpretation Mixed Chart Questions Quiz for Bank PO Exams.

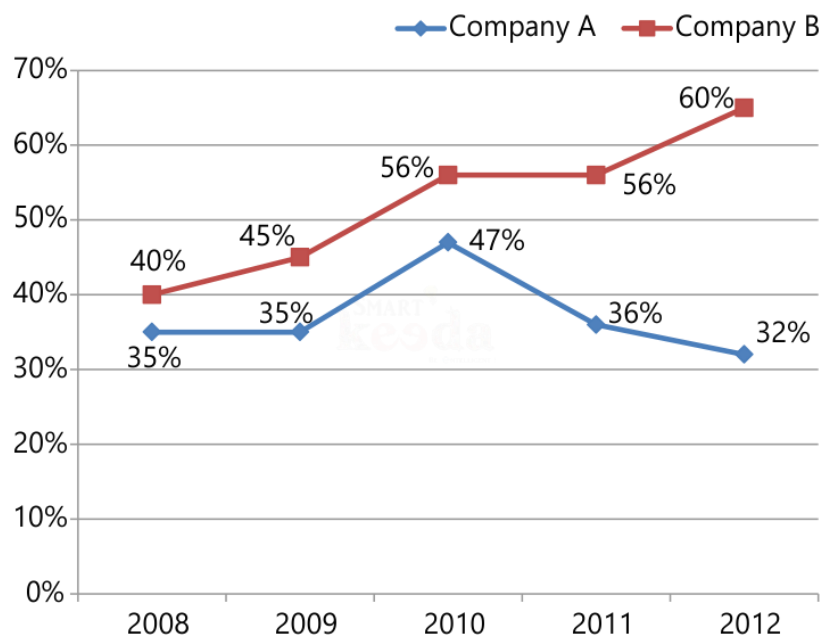
## Data Interpretation Mixed Chart Quiz 7

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

The following bar graph shows the number items (in thousand) produced by two companies A and B and the line graph shows the percentage sale of items of these companies over the years.



% Sale of Company A and B



1. What is the total number of items sold by Company B in the year 2010?

- A. 20750      B. 25200      C. 22310      D. 23480      E. 24540

2. What is the difference between the total number items sold by Company A in the year 2012 and that in 2011?

- A. 7210      B. 7420      C. 7630      D. 7840      E. 8060

3. The items sold by Company B in the year 2011 is approximately what per cent of the items sold by it in the year 2012?

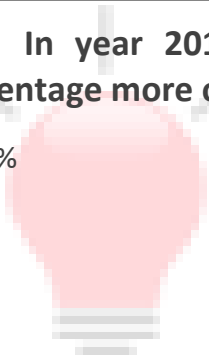
- A. 48.5%      B. 51%      C. 58%      D. 54%      E. 63.5%

4. What is the average number of items sold by Company A during the year 2008 to 2012?

- A. 21326      B. 22415      C. 24312      D. 25604      E. None of these

5. In year 2011, the number of items sold by Company B is approximately what percentage more or less than the number of items sold by Company A?

- A. 16%      B. 20%      C. 24%      D. 30%      E. 36%



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**Correct Answers:**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
B	D	C	E	D

**Explanations:**

1.

$$\text{Items sold by } B_{2010} = 45000 \times \frac{56}{100} = 25200$$

Hence, option B is correct.

2.

$$\text{Sale } A_{2011} = 60000 \times \frac{36}{100} = 21600$$

$$\text{Sale } A_{2012} = 92000 \times \frac{32}{100} = 29440$$

$$\therefore \text{ Difference} = 29440 - 21600 = 7840.$$

Hence, option D is correct.

3.

$$\text{Reqd. \%} = \frac{\text{Items sold by Company B}_{2011}}{\text{Items sold by Company B}_{2012}} \times 100$$

$$= \frac{56 \times 50}{60 \times 80} \times 100 = 58.3\% \approx 58\%$$

Hence, option C is correct.

4.

$$= \frac{35\% \text{ of } 50 + 35\% \text{ of } 72 + 47\% \text{ of } 48 + 36\% \text{ of } 60 + 32\% \text{ of } 92}{5}$$

$$= \frac{17.5 + 25.2 + 22.56 + 21.6 + 29.44}{5}$$

$$= \frac{116.3}{5} = 23.26 \text{ thousand} = 23260$$

Hence, option E is correct.

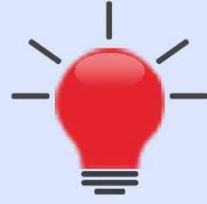
5.

$$\text{The number of items sold by B}_{2011} = 50000 \times \frac{56}{100} = 28000$$

$$\text{The number of items sold by A}_{2011} = 60000 \times \frac{36}{100} = 21600$$

$$\therefore \text{ Reqd. \%} = \frac{(28000 - 21600)}{21600} \times 100 = \frac{6400}{216} = 29.62 \approx 30\%$$

Hence, option D is correct.



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