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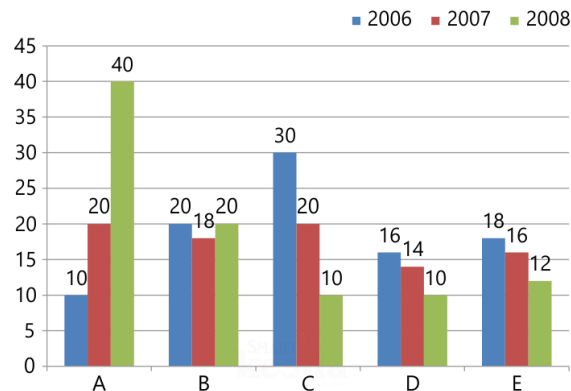
Date Interpretation Bar Graph Questions for Bank PO Pre & Clerk Mains Exams.

DI Bar Chart Quiz 18

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

Following bar diagram shows the percentage profit of the five companies A, B, C, D and E during the years 2006, 2007 and 2008, respectively.

Percentage profit of five companies A, B, C, D and E



1. If the profit of the company A in the year 2006 was Rs. 20 lakh, then what was the profit of company A in the year 2008?

- A. 33.6 lakh B. 26.4 lakh C. 35.96 lakh D. Data inadequate E. None of these

2. If the ratio of expenditure of company C in the year 2006, 2007 and 2008 was 2 : 3 : 4, what was the ratio of profits during three years?

- A. 2 : 3 : 3 B. 3 : 3 : 2 C. 13 : 18 : 22 D. Data inadequate E. None of these

3. For which company total profit obtained in the year 2008 was highest?

- A. A B. B C. C D. Data Inadequate E. None of these

4. If the profits of the company E in the years 2006, 2007 and 2008 were equal, what was the ratio of expenditures in those years?

- A. 9 : 8 : 6 B. 12 : 9 : 8 C. 8 : 9 : 12 D. Data inadequate E. None of these

5. The average per cent profit during the three years was the highest for which of the following companies?

- A. A B. B C. C D. Data inadequate E. None of these

Correct Answers:

1	2	3	4	5
D	B	D	C	A

Explanations:

1. Since, we have information regarding per cent increase or decrease in the profits during the period 2006 to 2008, we can't answer the question given.

Note: Profit in a particular year depends on revenue earned and expenditure occurred in that specific year. Without these pieces of information we can't really find the profit in numeric terms for a particular year.

Hence, option D is correct.

2. We have, profit

$$= \frac{\text{per cent profit} \times \text{Expenditure}}{100}$$

Therefore, by using the this formula, the reqd. ratio of profits

$$= \frac{2 \times 30}{100} : \frac{3 \times 20}{100} : \frac{4 \times 10}{100}$$

$$= 6 : 6 : 4 = 3 : 3 : 2$$

Hence, option B is correct.

3. We have no information regarding the total profits of different companies in the year 2008, Hence, the question can't be answered.

Hence, option D is correct.

4. Suppose, the expenditures of the company E in the years 2006, 2007 and 2008 are E_6 , E_7 and E_8 respectively, then

$$18\% \text{ of } E_6 = 16\% \text{ of } E_7 = 12\% \text{ of } E_8$$

$$E_6 : E_7 : E_8 = \frac{1}{18} : \frac{1}{16} : \frac{1}{12}$$

$$E_6 : E_7 : E_8 = 8 : 9 : 12$$

Hence, option C is correct.

5. It is obvious from the given bar chart that total per cent profit during the three years in maximum for company A and therefore its average is maximum.

Hence, option A is correct.

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