



SmartKeeda

The Question Bank

Presents

TestZone

India's least priced Test Series platform

JOIN

12 Month Plan

2017-18 All Test Series

@ Just

₹ 399/-

300+ Full Length Tests

- Brilliant Test Analysis
- Excellent Content
- Unmatched Explanations

JOIN NOW

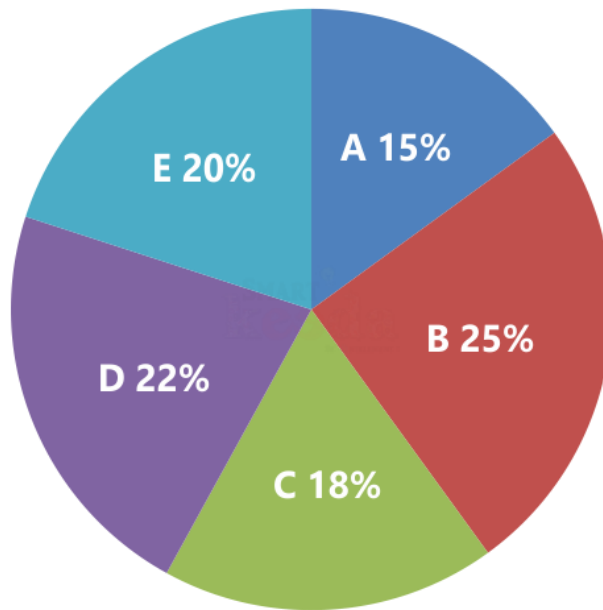
Date Interpretation Pie Chart Questions for Bank Exams.

DI Pie Chart Quiz 22

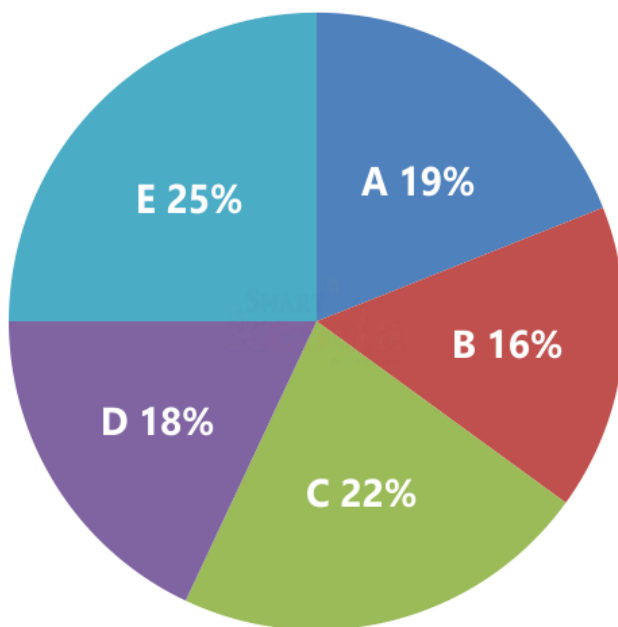
Directions: Study the following graph carefully & answer the questions given below it.

Pie Charts show the sale of 5 different companies in the year 2015 and 2016.

Total Sale (in 2015) = Rs 950000



Total Sale (in 2016) = Rs 800000



1. Find the average sale of company A, C and E in 2016.

- A. Rs 176500 B. Rs 165920 C. Rs 189630 D. Rs 200000 E. None of these

2. Total sale of company B and C together in 2016 is approximately how much percentage more than the sale of company D in 2015.

- A. 20% B. 40% C. 60% D. 45% E. 10%

3. If the profit earned by Company C in 2015 is 25% of the total sale, find the profit earned by company C in 2015.

- A. Rs 45020 B. Rs 42750 C. Rs 50420 D. Rs 48960 E. None of these

4. In which of the following company the difference of the sale between 2015 and 2016 is the highest?

- A. Company B B. Company D C. Company E D. Company A E. Company C

5. What is the ratio of the total sale of company A and C together in 2015 to that of the total sale of company D and E together in 2016?

- A. 580 : 661 B. 637 : 652 C. 529 : 623 D. 688 : 627 E. None of these

Correct Answers:

1	2	3	4	5
E	D	B	A	E

Explanations:

1. Sale of company A in 2016 = $800000 \times 19\% = \text{Rs. } 152000$

Sale of company C in 2016 = $800000 \times 22\% = \text{Rs. } 176000$

Sale of company E in 2016 = $800000 \times 25\% = \text{Rs. } 200000$

$$\text{Reqd. Avg.} = \frac{152000 + 176000 + 200000}{3}$$

$$= \frac{528000}{3} = \text{Rs. } 176000$$

Hence, option E is correct.

2. Sale of company B in 2016 = $800000 \times 16\% = \text{Rs } 128000$

Sale of company C in 2016 = $800000 \times 22\% = \text{Rs } 176000$

Sale of company D in 2015 = $950000 \times 22\% = \text{Rs } 209000$

$$\% \text{ more} = \frac{128000 + 176000 - 209000}{209000} \times 100$$

$$= \frac{95000}{209000} \times 100 = 45.45\% \approx 45\%$$

Hence, option D is correct.

3. Following the given charts, we get

Profit earned by company C in 2015 = $950000 \times 18\% \times 25\% = \text{Rs } 42750$

Hence, option B is correct.

4. Difference between the sale of company A = $(800000 \times 19\% - 950000 \times 15\%) = \text{Rs } 9500$

Difference between the sale of company B = $(950000 \times 25\% - 800000 \times 16\%) = \text{Rs } 109500$

Difference between the sale of company C = $(800000 \times 22\% - 950000 \times 18\%) = \text{Rs } 5000$

Difference between the sale of company D = $(950000 \times 22\% - 800000 \times 18\%) = \text{Rs } 65000$

Difference between the sale of company E = $(800000 \times 25\% - 950000 \times 20\%) = \text{Rs } 10000$

The difference of the sale of Company B between 2015 and 2016 is the highest.

Hence, option A is correct.

5. Sale of company A in 2015 = $950000 \times 15\% = \text{Rs } 142500$

Sale of company C in 2015 = $950000 \times 18\% = \text{Rs } 171000$

Sale of company D in 2016 = $800000 \times 18\% = \text{Rs } 144000$

Sale of company E in 2016 = $800000 \times 25\% = \text{Rs } 200000$

Required ratio = $142500 + 171000 : 144000 + 200000 = 313500 : 344000 = 627 : 688$

Hence, option E is correct.



SmartKeeda

The Question Bank

प्रस्तुत करते हैं

TestZone

भारत की सबसे किफायती टेस्ट सीरीज़

अभी
जुड़ें

12 Month Plan

2017-18 All Test Series

@ Just

₹ 399/-

300+ फुल लेन्थ टेस्ट

- श्रेष्ठ विश्लेषण
- उत्कृष्ट विषय सामग्री
- बेजोड़ व्याख्या

अभी जुड़ें