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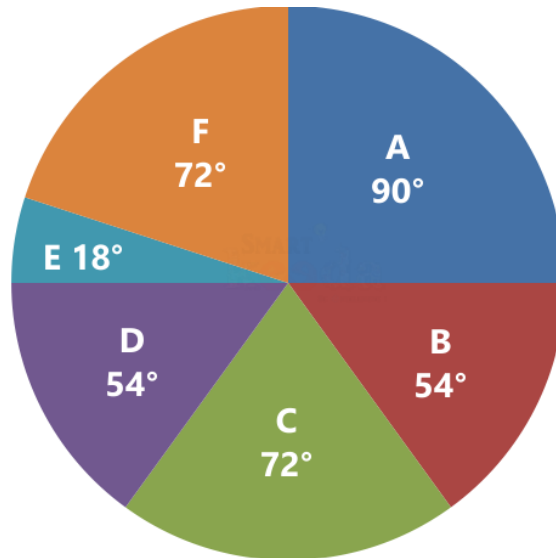
Date Interpretation Pie Chart Questions for Bank PO Exams.

DI Pie Chart Quiz 11

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

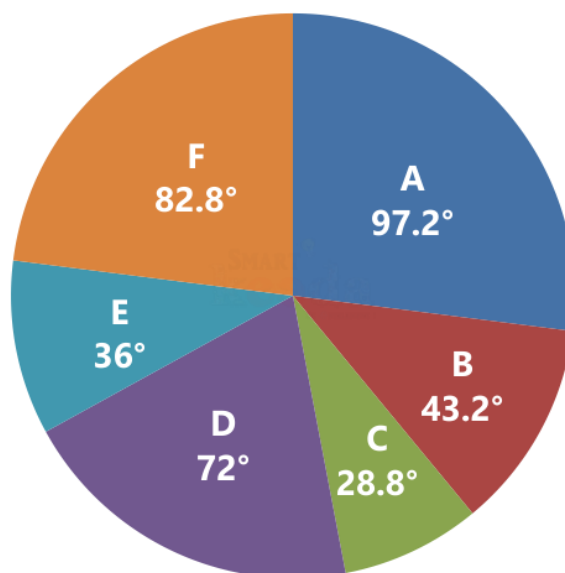
In the following pie-charts, pie chart I shows the angular distribution of the total number of employees among six companies and pie-chart II shows the angular distribution of the total number female employees among these companies.

Chart I



Total Female Employees = 14000

Chart II



Total Female Employees = 6000

1. What is the total number of male employees in Company B?

- A. 720 B. 1040 C. 1260 D. 1380 E. 1420

2. What is the difference between the total number of male employees and the total number of female employees in Company A?

- A. 220 B. 240 C. 260 D. 280 E. 300

3. The total number of female employees of Company C is approximately what per cent of the total number of employees of Company B?

- A. 17% B. 23% C. 27% D. 30% E. 32%

4. What is the difference between the total number of female employees of Company F and the total number of female employees of Company E?

- A. 740 B. 760 C. 780 D. 820 E. 840

5. The total number of female employees of Company A is approximately what per cent of the total number female employees of Company D?

- A. 74% B. 120% C. 135% D. 150% E. 185%



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Correct Answers:

1	2	3	4	5
D	C	B	C	C

Explanations:

1. Total number of male employees = 54° of Total employees – 43.2° of Total female employees

$$= 54^\circ \text{ of } 14000 - 43.2^\circ \text{ of } 6000$$

$$= \frac{54^\circ}{360^\circ} \times 14000 - \frac{43.2^\circ}{360^\circ} \times 6000$$

$$= 2100 - 720 = 1380.$$

Hence, option D is correct.

2. Total number of male employees in Company A = 90° of Total employees in company A – 97.2° of Total female employees in Company A = 90° of 14000 – 97.2° of 6000

$$= \frac{90^\circ}{360^\circ} \times 14000 - \frac{97.2^\circ}{360^\circ} \times 6000$$

$$= 3500 - 1620 = 1880$$

$$\therefore \text{ Required difference} = 1880 - 1620 = 260.$$

Hence, option C is correct.

3. Total number of female employees in Company C;

$$= \frac{28.8^\circ}{360^\circ} \times 6000 = 480$$

Total number of employees in Company B;

$$= \frac{54^\circ}{360^\circ} \times 14000 = 2100$$

$$\therefore \text{Reqd. \%} = \frac{480}{2100} \times 100 = 22.85 \approx 23\%.$$

Hence, option B is correct.

4.

$$\text{Difference} = \frac{6000}{360^\circ} \times (82.8^\circ - 36^\circ)$$

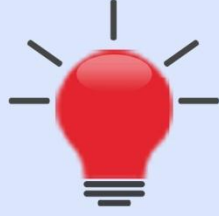
$$= \frac{6000}{360^\circ} \times 46.8^\circ = 780.$$

Hence, option C is correct.

5.

$$\text{Required \%} = \frac{97.2^\circ}{72^\circ} \times 100 = \frac{9720}{72} = 135\%.$$

Hence, option C is correct.



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