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DI Pie Chart Questions for RBI Assistant Pre, SBI Clerk Pre, IBPS Clerk Pre and LIC Assistant Pre Exams.

DI Pie Chart No. 72

Directions: Study the following pie chart carefully and answer the questions given beside.

The pie chart given below shows the percentage distribution of the number of male employees in a company in five different departments.

Total number of male employees = 2100
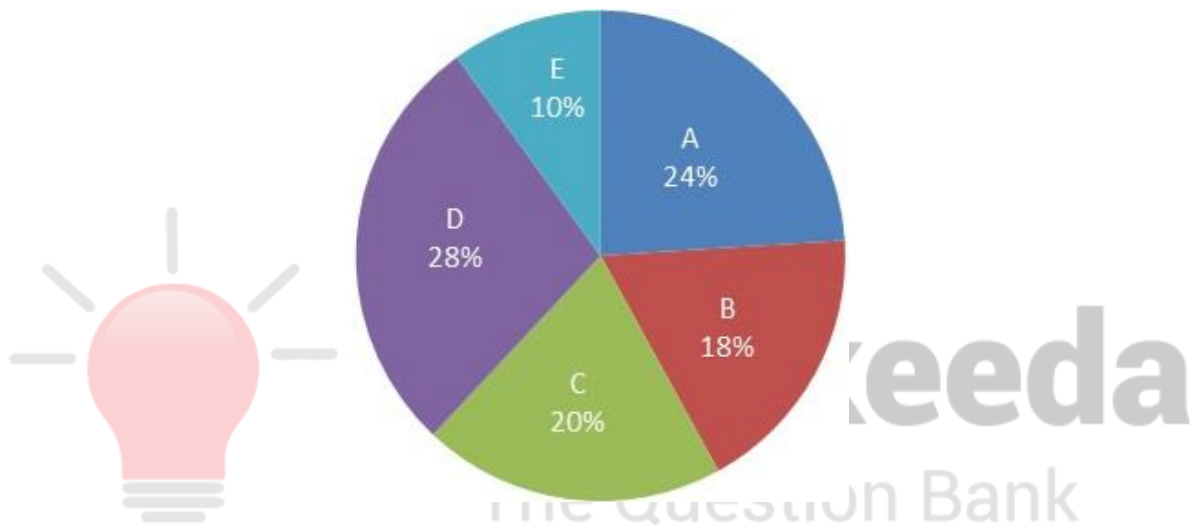
1. **What is the difference between the total number of male employees in department A and E together and that in department D?**

A. 194   B. 176   C. 214   D. 126   E. 104

2. **If the ratio of the number of male to female employees in department C is 5 : 4, find the total number of employees in department C in company.**

A. 664   B. 756   C. 712   D. 694   E. None of these

3. **What is the ratio of the number of male employees in department A and B together to that in department C and E together?**

A. 7 : 5   B. 5 : 4   C. 3 : 2   D. 6 : 5   E. 4 : 3

4. **If the total number of employees in department D is 1200, find the number of female employees in department D.**

A. 606   B. 624   C. 612   D. 632   E. None of these

5. If 40% of the male employees in department C in the company are married, find the number of male employees in department C who are not married.
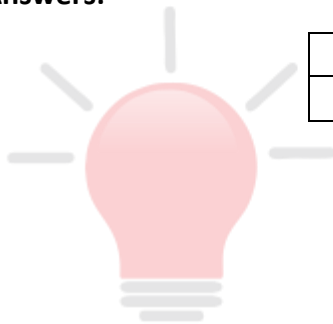
A. 210   B. 264   C. 236   D. 252   E. 244

Correct Answers:

1	2	3	4	5
D	B	A	C	D

Explanations :

1.   Number of male employees in department A = 2100 × 24% = 504

Number of male employees in department E = 2100 × 10% = 210

Number of male employees in department D = 2100 × 28% = 588

Required difference = (504 + 210) − 588 = 714 − 588 = 126

Hence, option D is correct.

2.   The number of male employees in department C = 2100 × 20% = 420

The number of female employees in department C

$= \dfrac{420}{5} \times 4 = 336$

Required number of employees = 420 + 336 = 756

Hence, option B is correct.

3.   Number of male employees in department A = 2100 × 24% = 504

Number of male employees in department B = 2100 × 18% = 378

Number of male employees in department E = 2100 × 10% = 210

The number of male employees in department C = 2100 × 20% = 420

Required ratio = (504 + 378) : (210 + 420) = 882 : 630 = 7 : 5

Hence, option A is correct.

4.   Number of male employees in department D = 2100 × 28% = 588

Number of female employees in department D =1200 − 588 = 612

Hence, option C is correct.

5.   The number of male employees in department C = 2100 × 20% = 420

The number of male employees that are married = 420 × 40% = 168

The number of male employees that are not married = 420 – 168 = 252

Hence, option D is correct.