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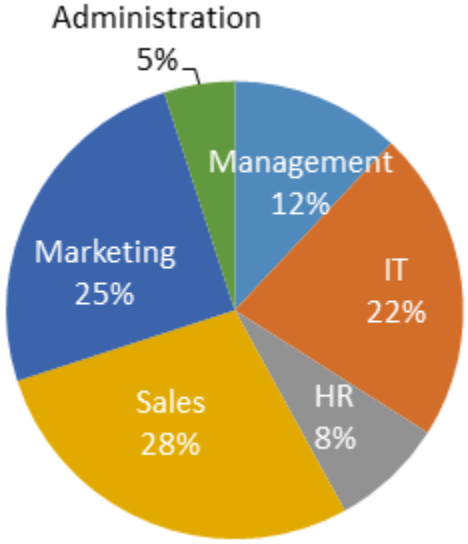
Date Interpretation Pie Chart Questions for IBPS Clerk Pre, SBI Clerk Pre, and RRB Asst. Pre Exams.

DI Pie Chart Quiz 32

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

Percentage wise break up of number of employees in different departments of a company



Total number of employees = 42000

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1. Number of employees in management department is what percent of the number of employees in HR department?

A. 100% B. 200% C. 150% D. 50% E. None of these

2. Find the respective ratio of number of employees in Sales department and number of employees in Marketing department.

A. 25 : 28 B. 18 : 15 C. 15 : 18 D. 28 : 25 E. None of these

3. Find the total number of employees in Management, IT and Marketing departments together.

A. 28740 B. 24780 C. 27480 D. 28470 E. None of these

4. Number of employees in Management department is by what percent more than the number of employees in Administration department?

A. 110% B. 120% C. 140% D. 130% E. None of these

5. Find the difference between number of employees in Sales department and number of employees in Administration department.

A. 9660 B. 6990 C. 8550 D. 5880 E. None of these

Correct Answers:

1	2	3	4	5
C	D	B	C	A

Explanations:

1. % of employees in management department = 12

% of employees in HR department = 8

Reqd. % = $\frac{12}{8} \times 100 = 150\%$

Hence, option (C) is correct.

2. % of employees in sales department = 28

% of employees in marketing department = 25

Required ratio = 28% of total employees i.e. 42000 **:** 25% of total employees i.e. 42000 = 28 : 25

Hence, option (D) is correct.

3. % of employees in Management department = 12

% of employees in IT department = 22

% of employees in Marketing department = 25

Number of employees in Management, IT and Marketing departments together

$= \frac{12 + 22 + 25}{100} \times 42000 = 24780$

Hence, option (B) is correct.

4. % of Number of employees in Management department = 12 % of Number of employees in Administration department =

Reqd. % = $\frac{12 - 5}{5} \times 100 = \frac{7}{5} \times 100 = 140\%$

Hence, option (C) is correct.

5. % of total number of employees in sales department = 28

% of total number of employees in administration department = 5

Reqd. difference = $\frac{28 - 5}{100} \times 42000$

$= \frac{23}{100} \times 42000 = 9660$

Hence, option (A) is correct.

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