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

DI Table Chart Quiz 88

Directions: Study the following table chart carefully and answer the questions given below:

A company organized five different festivals. On the occasion of each festival, some number of males and females participate in three different competition. The table given below gives the information about the number of males and females participated in each competition on the different festival. (one person participates only in one competition on one occasion and the company organizes only three competitions)

Festivals	Singing		Dancing		Painting	
	Males	Females	Males	Females	Males	Females
New year	50	60	25	75	85	100
Navratri	65	85	25	55	40	80
Deepawali	125	75	60	40	120	150
Christmas	40	30	10	25	60	40
Holi	160	180	200	125	225	175

1. On the occasion of Holi, 20% of the total number of Males employees had participated in the singing competition. If the total number of female employees in the company is 25% less than that of total number of male employees then on the occasion of new year what percentage of the total number of female employees had participated in dancing competition?

- A. 18.5% B. 12.5% C. 22.5% D. 15% E. None of these

2. On Navratri, what was the difference between the total number of male employees who participated in the competitions and the total number of female employees who participated in the competitions?

- A. 110 B. 120 C. 90 D. 100 E. None of these

3. Find the difference between the total number of employees who participated on Navratri to the total number of employees who participated on Christmas?

- A. 145 B. 165 C. 185 D. 130 E. None of these

4. 30% of the total number of employees had participated on the occasion of Holi then what number of employees had not participated on the occasion of Holi?

- A. 2485 B. 2265 C. 2625 D. 2825 E. None of these

5. On the occasion of Deepawali, male participants in Painting is how much percent more than that of the total number of female participants in singing competition?

- A. 40% B. 50% C. 60% D. 55% E. None of these

Correct Answers:

1	2	3	4	5
B	C	A	A	C

Explanations:

1. On the occasion of Holi, the total number of male participants in singing = 160 = 20% of the total number of male employees

$$\text{The total number of male employees} = \frac{160 \times 100}{20} = 800$$

The total number of female employees = 75% of 800 = 600

The total number of female participants on New year = 75

$$\text{The reqd. percentage} = \frac{75 \times 100}{600} = 12.5\%$$

Hence, option B is correct.

2. On Navratri,

The total number of male participants = 65 + 25 + 40 = 130

The total number of female participants = 85 + 55 + 80 = 220

The required difference = 220 – 130 = 90

Hence, option C is correct.

3. The total number of employees who participated on Navratri = 65 + 85 + 25 + 55 + 40 + 80 = 350

The total number of employees who participated on Christmas = 40 + 30 + 10 + 25 + 60 + 40 = 205

The required difference = 350 – 205 = 145

Hence, option A is correct.

4. The total number of employees who had participated on Holi = $160 + 180 + 200 + 125 + 225 + 175 = 1065 = 30\%$ of the total number of employees

The total number of employees in the company

$$= \frac{1065 \times 100}{30} = 3550$$

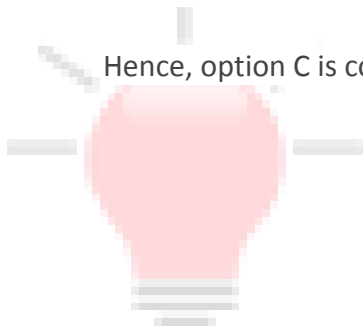
The total number of employees who had not participated on Holi = $3550 - 1065 = 2485$

Hence, option A is correct.

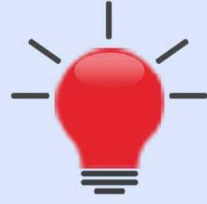
5. On the occasion of Deepawali, the total number of female participants in singing competition = 75
the total number of male participants in painting competition = 120

$$\text{The reqd. \%} = \frac{(120 - 75) \times 100}{75} = \frac{45 \times 4}{3} = 60\%$$

Hence, option C is correct.



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