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Date Interpretation Table Chart Questions for Bank Clerk Mains and PO Pre Exams.

DI Table Chart Quiz 25

Direction: Study the following table carefully and answer the questions based on it.

There are five companies and we have been given the number of employees working in different companies. In the table we have also been given the percentage of male and female employees in HR and Marketing department.

Company	Employees	HR		Marketing	
		Male	Female	Male	Female
P	400	12	14	9	7
Q	650	19	10	11	13
R	500	28	14	4	7
S	550	31	9	6	4
T	300	12	18	3	7

1. If 60% of the employees of company T in HR department have MBA degree and 40% of the employees of the same company in the Marketing department hvae MBA degree, then how many employees have MBA degree in company T in both departments together?

A. 98   B. 108   C. 106   D. 92   E. 66

2. What is the ratio of the number of female employees of Company Q in HR department to the number of male employees of Company R in Marketing department?

A. 4 : 13   B. 5 : 22   C. 22 : 5   D. 13 : 4   E. None of these

3. The total number of HR employees of Company P is what per cent more than the total number of Marketing employees of Company T?

A. 236.76%   B. 226.67%   C. 276.76%   D. 246.67%   E. None of these

4. What is the ratio of the male employees in HR department of Company P and R together to the female employees of Marketing department in Company S and T together?

A. 187 : 27   B. 43 : 188   C. 188 : 43   D. 27 : 187   E. None of these

5. What is the difference between the number of female employees of HR department in all companies together (excluding company S) and the female employees of Marketing department in all companies together (excluding company Q)?

A. 139   B. 129   C. 135   D. 141   E. None of these

Correct Answers:

1	2	3	4	5
E	D	D	C	A

Explanations:

1. Total number of employees in Company T having MBA degree

= 60% of (12 + 18)% of 300 + 40% of (7 + 3)% of 300

= 60% of 30% of 300 + 40% of 10% of 300

= 60% of 90 + 40% 30

= 54 + 12 = 66.

Hence, option E is correct.

2.

Reqd. ratio = $\dfrac{\text{Female Q}_{HR}}{\text{Male R}_{Marketing}}$

= $\dfrac{650 \times 10}{500 \times 4}$

= 13 : 4

Hence, option D is correct.

3.

Total no. of employees of Company P in HR department = $\dfrac{400 \times (12 + 14)}{100}$ = 104

Total no. of employees of Company T in Marketing department = $\dfrac{300 \times (3 + 7)}{100}$ = 30

∴   Difference = 104 – 30 = 74

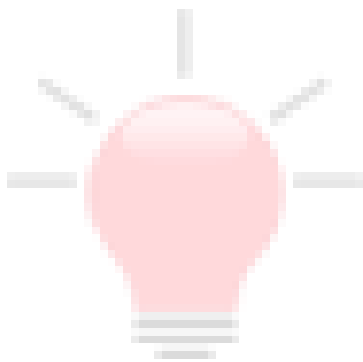∴ Reqd. % more = $\dfrac{74}{30}$ × 100 ≈ 246.67%

Hence, option D is correct.

4. Male employees in HR department of Company P and R together = 12% of 400 + 28% of 500

= 48 + 140 = 188

Female employees in Marketing department of Company S and T together = 4% of 550 + 7% of 300

= 22 + 21 = 43

∴   Reqd. ratio = 188 : 43.

Hence, option C is correct.

5.

Female employees in HR department of Company P, Q, R and T together

= 14% of 400 + 10% of 650 + 14% of 500 + 18% 300

= 56 + 65 + 70 + 54 = 245

Female employees in Marketing department of Company P, R, S and T together

= 7% of 400 + 7% of 500 + 4% of 550 + 7% of 300

= 28 + 35 + 22 + 21 = 106

∴ Difference = 245 − 106 = 139.

Hence, option A is correct,

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