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Data interpretation exercise for IBPS PO Pre, IBPS Clerk, SBI PO Pre and SBI Clerk

DI TABLE CHART NO 74

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

The table chart given below gives the information about human resource of SBI bank across eight states of India.

States	Total Number of Branches	Total number of employees	The respective ratio of male and female employees	Percentage of post graduate employees
Bihar	196	4488	7 : 5	75%
Utter Pradesh	205	4595	3 : 2	40%
Delhi	98	2205	11 : 10	60%
Madhya Pradesh	198	4752	13 : 11	50%
Maharashtra	168	3328	17 : 15	25%
Karnataka	152	3680	11 : 9	55%
Andhra Pradesh	84	1485	8 : 7	60%
Kerala	102	2296	20 : 21	25%

QUESTIONS:

1. What is the respective ratio between the total number of male employees and the total number of female employees across the given eight states of India?

- A. 14808 : 12021 B. 14807 : 12021 C. 14808 : 12023
D. 14809 : 12025 E. None of these

2. In which of the following states, the total number of post graduates is second highest?

- A. Madhya Pradesh B. Bihar C. Karnataka
D. Uttar Pradesh E. None of these

3. What is the difference between the sum of post graduate employees in states Bihar, Uttar Pradesh, Delhi together and the number of post graduate employees in states Karnataka, Andhra Pradesh, Kerala together?

- A. 3039 B. 3029 C. 3028
D. 3038 E. 3038

4. It is given that across other states of India SBI has 200% number of branches than it has in the given eight states and the average number of employees per branch across India is 32. Then find how many number of total employees SBI has in India?

- A. 115588 B. 124488 C. 115488
D. 123498 E. None of these

5. Which of the following states has highest number of total employees per branch?

- A. Karnatka B. Uttar Pradesh C. Madhya Pradesh
D. Bihar E. None of these

Correct answers:

1	2	3	4	5
A	A	D	C	A

Explanations:

1.

Total number of male

$$= \frac{7}{12} \times 4488 + \frac{3}{4} \times 4595 + \frac{11}{21} \times 2205 + \frac{13}{24} \times 4752 + \dots$$

$$\dots + \frac{17}{32} \times 3328 + \frac{11}{20} \times 3680 + \frac{8}{15} \times 1485 + \frac{20}{41} \times 2296$$

$$= 2618 + 2757 + 1155 + 2574 + 1768 + 2024 + 792 + 1120 = 14808$$

The total number of employees = 26829

The total number of female = 26829 – 14808 = 12021

The required ratio = 14808: 12021

Hence, option A is correct.

2.

The total number of post graduates in Bihar = 75% of 4488 = 3366

The total number of post graduates in UP = 40% OF 4595 = 1838

The total number of post graduates in Delhi = 60% of 2205 = 1323

The total number of post graduates in MP = 50% of 4752 = 2376

The total number of post graduates in Maharashtra = 25% of 3328 = 832

The total number of post graduates in Karnataka = 55% of 3680 = 2024

The total number of post graduates in AP = 60% of 1485 = 891

The total number of post graduates in Kerala = 25% of 2296 = 574

It is second highest in MP

Hence, option A is correct.

3.

The total number of post graduates in Bihar = 75% of 4488 = 3366

The total number of post graduates in UP = 40% OF 4595 = 1838

The total number of post graduates in Delhi = 60% of 2205 = 1323

Sum = 3366 + 1838 + 1323 = 6527

The total number of post graduates in Karnataka = 55% of 3680 = 2024

The total number of post graduates in AP = 60% of 1485 = 891

The total number of post graduates in Kerala = 25% of 2296 = 574

Sum = 3489

The required difference = 6527 – 3489 = 3038

Hence, option D is correct.

4.

The total number of branches in the given eight states = 1203

The total number of branches in other states = 200% of 1203 = 2406

The total number of branches in India = 1203 + 2406 = 3609

The average number of employees per branch across India is 32

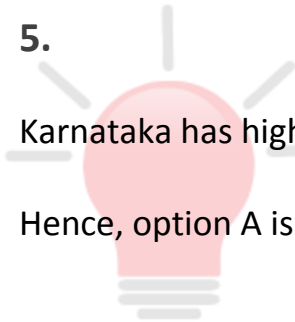
So, the total number of employees across India = 3609 × 32 = 115488

Hence, option C is correct.

5.

Karnataka has highest number of total employees per branch.

Hence, option A is correct.



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