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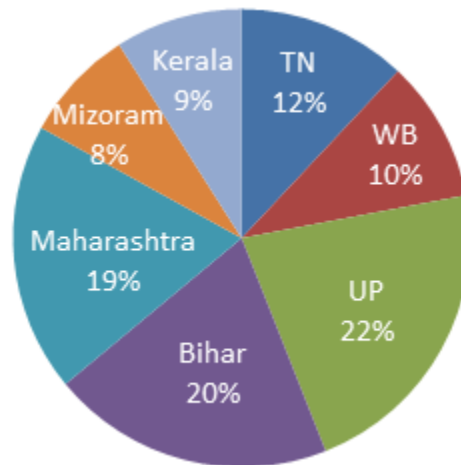
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Date Interpretation Mixed Chart Questions Quiz for SBI Clerk Pre and IBPS Clerk Pre Exams.

DI Mixed Chart Quiz 55

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

Population in different states



Total population = 500000

State	Sex	Literacy
	M : F	Literate : Illiterate
UP	6 : 5	3 : 8
Bihar	5 : 3	2 : 5
Maharashtra	12 : 7	4 : 1
West Bengal	3 : 4	3 : 2
Tamil Nadu	4 : 3	3 : 1
Kerala	5 : 4	7 : 2
Mizoram	3 : 2	2 : 1

1. What is the difference between the literate population of Tamil Nadu and West Bengal?

- A. 15000 B. 18000 C. 17500 D. 18600 E. None of these

2. What is the total number of females in Bihar, Kerala and Mizoram together?

- A. 74000 B. 78000 C. 7500 D. 78600 E. None of these

3. If 60% of the female population in UP is literate then find the number of female illiterates in UP?

- A. 24000 B. 18000 C. 17500 D. 20000 E. None of these

4. What is the difference between the number of males in Kerala and Mizoram together and number of females in Maharashtra?

- A. 24000 B. 14000 C. 17500 D. 18600 E. None of these

5. Find the ratio of literate people of Kerala to the female population of Bihar?

- A. 12 : 13 B. 13 : 14 C. 14 : 15 D. 16 : 15 E. None of these

Correct Answers:

1	2	3	4	5
A	E	D	B	C

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Explanations:

1. Literate population of Tamil Nadu

$$= 500000 \times \frac{12}{100} \times \frac{3}{4} = 45000$$

Literate population West Bengal

$$= 500000 \times \frac{10}{100} \times \frac{3}{5} = 30000$$

$$\text{Reqd. Difference} = 45000 - 30000 = 15000$$

Hence, option A is correct.

2.

$$\text{Females in Bihar} = 500000 \times \frac{20}{100} \times \frac{3}{8} = 37500$$

$$\text{Females in Kerala} = 500000 \times \frac{9}{100} \times \frac{4}{9} = 20000$$

$$\text{Females in Mizoram} = 500000 \times \frac{8}{100} \times \frac{2}{5} = 16000$$

$$\text{Required number of females} = 37500 + 20000 + 16000 = 73500$$

Hence, option E is correct.

3.

$$\text{Females in UP} = 500000 \times \frac{22}{100} \times \frac{5}{11} = 50000$$

$$\text{Literate females} = 50000 \times \frac{60}{100} = 30000$$

$$\text{Female illiterates} = 50000 - 30000 = 20000$$

Hence, option D is correct.

4.

$$\text{Males in Kerala} = 500000 \times \frac{9}{100} \times \frac{5}{9} = 25000$$

$$\text{Males in Mizoram} = 500000 \times \frac{8}{100} \times \frac{3}{5} = 24000$$

$$\text{Females in Maharashtra} = 500000 \times \frac{19}{100} \times \frac{7}{19} = 35000$$

$$\text{Required Difference} = (25000 + 24000) - 35000 = 14000$$

Hence, option B is correct.

5. Let the total number of population of all the states together is 500000

then, Literate people of Kerala

$$= 500000 \times \frac{9}{100} \times \frac{7}{9} = 5000 \times 7$$

Female population of Bihar

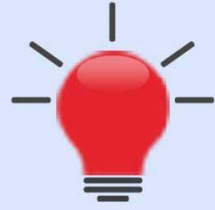
$$= 500000 \times \frac{20}{100} \times \frac{3}{8} = 5000 \times 7.5$$

$$\text{Reqd. ratio} = \frac{5000 \times 7}{5000 \times 7.5} = \frac{14}{15} = 14 : 15$$

Hence, option C is correct.

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