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Date Interpretation Table Chart Questions for IBPS CLERK MAINS, SBI CLERK MAINS, IBPS PO Pre and SBI PO Pre Exams.

DI Table Chart Quiz 50

Directions: Study the following information carefully and answer the questions given beside:

The table below shows the number of users from different Network companies over the years

State	Total Population	Rural : Urban	Male : Female	Literate : Illiterate	% Graduate out of Literates
Maharashtra	22,50,000	28 : 17	23 : 22	5 : 3	48
MP	16,42,000	5 : 3	5 : 3	3 : 1	45
Odisha	11,36,000	11 : 5	9 : 7	11 : 5	38
West Bengal	24,80,000	18 : 13	21 : 19	20 : 11	42
Tamil Nadu	20,50,000	16 : 9	13 : 12	3 : 2	56
Uttaranchal	2,48,000	5 : 3	9 : 7	3 : 1	44
Jharkhand	9,60,000	17 : 7	11 : 9	4 : 1	32

1. The urban population of Maharashtra and Odisha together is what per cent of the total population of these two states? (Rounded off to two digits after decimal)

- A. 32.49 B. 35.59 C. 38.55 D. 32.85 E. 36.57

2. Approximately, by what per cent is the urban population of Maharashtra less than its rural population?

- A. 33 B. 39 C. 49 D. 45 E. 34

3. What per cent of the total population of West Bengal, Odisha and Madhya Pradesh together is illiterate? (Rounded of to nearest integer)

- A. 28 B. 34 C. 29 D. 33 E. 31

4. What is the difference between the number of graduates from Madhya Pradesh and Uttaranchal?

- A. 3,66,340 B. 4,72,335 C. 3,88,185 D. 4,82,340 E. 4,55,840

5. What is the total no. of graduates from Odisha, West Bengal and Maharashtra together?

A. 15,09,695

B. 15,29,559

C. 16,43,780

D. 16,19,455

E. 16,29,095

6. What is the ratio of the total female population of Tamil Nadu and Jharkhand together to the total male population of these two states together?

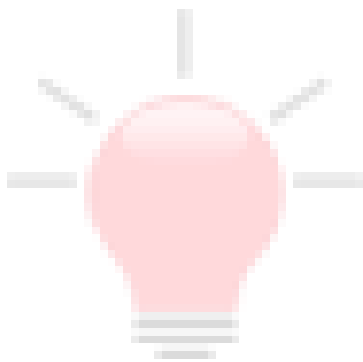
A. 697 : 798

B. 715 : 797

C. 708 : 797

D. 698 : 797

E. 696 : 797



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Correct Answers:

1	2	3	4	5	6
B	B	E	B	C	C

Explanations:

1. Total urban population of Maharashtra and Odisha together

$$= \frac{2250000 \times 17}{45} + \frac{1136000 \times 5}{16}$$

$$= 850000 + 355000 = 1205000$$

Total population of Maharashtra and Odisha = 2250000 + 1136000 = 3386000

$$\therefore \text{Reqd. \%} = \frac{1205000}{3386000} \times 100 = 35.587 \approx 35.59\%$$

Hence, option (B) is correct.

2. Rural \equiv 28; Urban \equiv 17

$$\therefore \text{Rural} - \text{urban} \equiv 28 - 17 = 11$$

$$\therefore \text{Reqd. percent} = \frac{11}{28} \times 100 \approx 39\%$$

Hence, option (B) is correct.

3. Total illiterate population of West Bengal, Odisha and Madhya Pradesh together

$$= \left(\frac{2480000 \times 11}{31} + \frac{1136000 \times 5}{16} + \frac{1642000 \times 1}{4} \right) = 880000 + 355000 + 410500 = 1645500$$

$$\therefore \text{Reqd. \%} = \frac{1645500}{2480000 + 1136000 + 1642000} \times 100$$

$$= \frac{1645500}{5258000} \times 100 = \frac{164550}{5258} = 31.29\% \approx 31\%$$

Hence, option (E) is correct.

4.

$$\text{Reqd. difference} = \left(\frac{1642000 \times 3}{4} \times \frac{45}{100} - \frac{248000 \times 3}{4} \times \frac{44}{100} \right) = 554175 - 81840 = 472335$$

Hence, option (B) is correct.

5. Total number of graduates from Odisha, West Bengal and Maharashtra together

$$= \frac{1136000 \times 11}{16} \times \frac{38}{100} + \frac{2480000 \times 20}{31} \times \frac{42}{100} + \frac{2250000 \times 5}{8} \times \frac{48}{100}$$

$$= \frac{11360 \times 11 \times 38}{16} + \frac{24800 \times 20 \times 42}{31} + \frac{22500 \times 5 \times 48}{8}$$

$$= 296780 + 672000 + 675000 = 1643780$$

Hence, option (C) is correct.

6. Total female population of Tamil Nadu and Jharkhand together

$$= \frac{2050000 \times 12}{25} + \frac{960000 \times 9}{20} = 984000 + 432000 = 1416000$$

Total male population of Tamil Nadu and Jharkhand together

$$= \frac{2050000 \times 13}{25} + \frac{960000 \times 11}{20} = 1066000 + 528000 = 1594000$$

$$\text{Reqd. ratio} = \frac{1416000}{1594000} = \frac{1416}{1594} = \frac{708}{797} = 708 : 797$$

Hence, option (C) is correct.

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