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

DI Table Chart Quiz 69

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

The following table given below gives the information about the number of adults(in million) who are financially unstable and stable in 5 different countries of Asia.

Country	The total number of adults who are financially unstable	% of adults who are financially unstable out of the total number of adult population	The ratio of male to female who are financially stable adults
India	560	40	7 : 5
Bangladesh	900	72	4 : 3
Pakistan	960	60	3 : 17
Indonesia	644	50	3 : 2
Afghanistan	300	96	5 : 4

1. What is the total number of adult females in Pakistan who are financially stable?

- A. 289 million B. 280 million C. 544 million D. 306 million E. None of these

2. If the ratio of male to female adults who are financially unstable in India is 1 : 1, then total what is the population of adult females in India?

- A. 620 million B. 630 million C. 640 million D. 610 million E. None of these

3. Adult male population of Pakistan who are financially stable comprises of what percentage of the total population of Pakistan?

- A. 6% B. 3% C. 1.5% D. 4.5% E. None of these

4. Find the sum (In million) of the adult population of Pakistan and Afghanistan?

- A. 1825 B. 1937.5 C. 1887.5 D. 1912.5 E. None of these

5. The number of adult males in Bangladesh who are financially stable is how much less than the number of adult females in Indonesia who are financially stable?

- A. 117.4 million B. 12.6 million C. 57.6 million D. 58.2 million E. None of these

Correct Answers:

1	2	3	4	5
C	B	A	D	C

Explanations:

1. Let the number of adult population of Pakistan = x
Then, 60% of $x = 960$

Therefore,

$$(100 - 60)\% \text{ of } x = 40\% \text{ of } x = \frac{960 \times 40}{60} = 640 \text{ million}$$

$$\text{The number of adult females} = \frac{17 \times 640}{20} = 17 \times 32 = 544 \text{ million}$$

Hence, option C is correct.

2. The total number of adult females who are financially unstable
 $= \frac{1 \times 560}{2} = 280 \text{ million}$

Let the number of adult population of India = x

Then, 40% of $x = 560$

Therefore,

$$(100 - 40)\% \text{ of } x = 60\% \text{ of } x = \frac{560 \times 60}{40} = 840 \text{ million}$$

$$\text{The number of adult females} = \frac{5 \times 840}{12} = 350 \text{ million}$$

The population of adult females in India = $280 + 350 = 630 \text{ million}$

Hence, option B is correct.

3. Let the number of adult population of Pakistan = x
Then, 60% of $x = 960$

Therefore, adults who are financially stable

$$(100 - 60)\% \text{ of } x = 40\% \text{ of } x = \frac{960 \times 40}{60} = 640 \text{ million}$$

$$\text{The number of adult males who are financially stable} = \frac{3 \times 640}{20} = 3 \times 32 = 96 \text{ million}$$

Let the number of adult population of Pakistan = x

Then, 60% of $x = 960$

$$x = \frac{960 \times 100}{60} = 1600$$

$$\text{The reqd. \%} = \frac{96 \times 100}{1600} = 6\%$$

Hence, option A is correct.

4. Let the number of adult population of Pakistan = x

Then, 60% of x = 960

$$x = \frac{960 \times 100}{60} = 1600$$

Let the number of adult population of Afghanistan = y

Then, 96% of y = 300

$$y = \frac{300 \times 100}{96} = 312.5$$

The required sum = 1600 + 312.5 = 1912.5

Hence, option D is correct.

5. Let the number of adult population of Bangladesh = x

Then, 72% of x = 900

$$x = \frac{900 \times 100}{72} = 1250$$

$(100 - 72) = 28\%$ of 1250 = 350 million

The number of adult males in Bangladesh who are financially stable = $\frac{4 \times 350}{7} = 200$ million

Let the number of adult population of Indonesia = y

Then, 50% of x = 644

$$x = \frac{644 \times 100}{50} = 644 \times 2$$

$(100 - 50) = 50\%$ of $644 \times 2 = 644$ million

The number of adult females in Indonesia who are financially stable

$$= \frac{2 \times 644}{5} = 257.6 \text{ million}$$

The required difference = 257.6 - 200 = 57.6 million

Hence, option C is correct.



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