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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 following table shows the amount of bills (in Rs.) of 3 families, Phone bills (P), Electricity bills (E) and Water bills (W) for 5 months:

Months	Sharma's			Gupta's			Agrawal's			Total
	P	E	W	P	E	W	P	E	W	
Jan	1200	1000	550	900		800	1450	2500	1000	10900
Feb	1400	1100	500	1400	1500	500	1350		950	10100
March	1500	550	350	1250	400		1100	2500	250	8500
April	2550	950	1500	1650	500	1500		1250	350	11500
May				1150	1500	1200	1450	1150	850	9600
Total	7900	4050							3400	50600

1. What is the ratio between the total amount paid on Phone bills and Electricity bills for the family who paying the highest amount in January on Electricity?

- A. 5 : 8 B. 3 : 4 C. 6 : 7 D. 2 : 3 E. None of these

2. The average amount paid on Water bills by Sharma's family is more/less than the average amount paid by Gupta's family on Water bills?

- A. 220 B. 240 C. 235 D. 195 E. None of these

3. The amount paid on phone bills by Gupta's family is more than what percent by his amount paid on Electricity bills over the given months?

- A. 15% B. 18% C. 21% D. 25% E. None of these

4. Given that the amount paid on Phone bill, Electricity bill and Water bill by Sharma's family in the month of June was increased by 12%, 16% and 25% as per the data given for the month of May. Find his total amount paid on all the three bills in the month of June?

- A. 2662 B. 2426 C. 2672 D. 2814 E. None of these

5. What is the difference between the total amount paid on Electricity bills by all three families in the month of February and the total amount paid on Phone bills by all three families in the month of April?

- A. 450 B. 1300 C. 1040 D. 1100 E. None of these

Correct Answers:

1	2	3	4	5
B	A	B	C	E

Common Explanations:

After filling the data in table, we get

Months	Sharma's			Gupta's			Agrawal's			Total
	P	E	W	P	E	W	P	E	W	
Jan	1200	1000	550	900	1500	800	1450	2500	1000	10900
Feb	1400	1100	500	1400	1500	500	1350	1400	950	10100
March	1500	550	350	1250	400	600	1100	2500	250	8500
April	2550	950	1500	1650	500	1500	1250	1250	350	11500
May	1250	450	600	1150	1500	1200	1450	1150	850	9600
Total	7900	4050	3500	6350	5400	4600	6600	8800	3400	50600

Answers :

1. Following the common explanation, we get

Total amount paid on Phone bills by Agrawal's family = 6600

And the total amount paid on Electricity = 8800

Required ratio = 6600 : 8800 = 3 : 4

Hence, option B is correct.

2. Following the common explanation, we get

Average amount paid on Water bills by Sharma's family = $\frac{3500}{5} = 700$

Average amount paid by Gupta's family on Water bills = $\frac{4600}{5} = 920$

Required difference = 920 – 700 = 220

Hence, option A is correct.

3. Following the common explanation, we get

Amount paid on Phone bills by Gupta's family = 6350

And, the amount paid on Electricity bills = 5400

Reqd. % = $\frac{6350 - 5400}{5400} \times 100 = 17.59\% \approx 18\%$

Hence, option B is correct.

4. Following the common explanation, we get

Amount paid on Phone bill, Electricity and Water bill by Sharma's family in the month of June

$$= 112\% \text{ of } 1250 + 116\% \text{ of } 450 + 125\% \text{ of } 600$$

$$= 1400 + 522 + 750$$

$$= 2672$$

Hence, option C is correct.

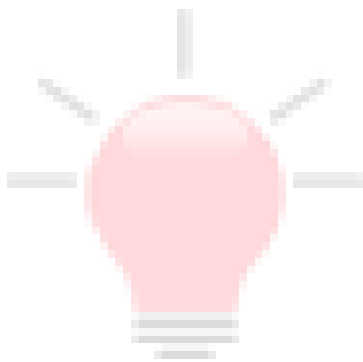
5. Following the common explanation, we get

Amount paid on Electricity bill by all three of families in February = $1100 + 1500 + 1400 = 4000$

Amount paid on Phone bills by all three families in April = $2550 + 1650 + 1250 = 5450$

Required difference = $5450 - 4000 = 1450$

Hence, option E is correct.



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