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Date Interpretation Table Chart Questions for Bank Clerk Pre Exams.

DI Table Chart Quiz 46

Direction: Study the following table carefully and answer the questions based on it.

The table shows the number of toys sold by 6 different shop in 5 different months.

Shop	February	March	April	May	June
Xi	250	300	305	290	305
Mi	315	295	260	145	225
Pi	285	240	320	330	285
Di	405	310	415	195	185
Ki	275	325	375	245	335
Ri	290	285	265	215	405

1. What is the difference of the average number of toys sold by shop Xi in all the months to the average number of toys sold by sold Di in all the months?

A. 12   B. 15   C. 18   D. 25   E. 35

2. If the cost price of 1 toy sold by shop Ki in March is Rs 20 and the selling price of 1 toy sold by shop Ki in March is Rs 35, find the total profit earned by shop Ki in March.

A. Rs. 4275   B. Rs. 4675   C. Rs. 3875   D. Rs. 4875   E. Rs. 3675

3. The number of toys sold by shop Ri in June is approximately how much percent of the number of toys sold by shop Mi in February, May and June?

A. 45%   B. 48%   C. 55%   D. 65%   E. 60%

4. What is the average number of toys sold by Shop Pi in all the months together?

A. 285   B. 290   C. 292   D. 295   E. 300

5. What is the ratio of the number of toys sold by Shop Ki in February, April and June together to the number of toys sold by Shop Mi in the same month together?

A. 160 : 197   B. 152 : 165   C. 129 : 200   D. 215 : 183   E. None of these

Correct Answers:

1	2	3	4	5
A	D	E	C	E

Explanation :

1.

Average number of toys sold by shop Xi $= \dfrac{250 + 300 + 305 + 290 + 305}{5}$

$= \dfrac{1450}{5} = 290$

Average number of toys sold by shop Di $= \dfrac{405 + 310 + 415 + 195 + 185}{5}$

$= \dfrac{1510}{5} = 302$

Difference = 302 – 290 = 12
Hence, option A is correct.

2.   Number of toys sold by Shop Ki in March = 325
Profit on 1 toy = 35 – 20 = Rs 15
Total profit earned by Shop Ki in March = 325 × 15 = Rs 4875
Hence, option D is correct.

3.   Number of toys sold by shop Ri in June = 405
Number of toys sold by shop Mi in February, May and June = 315 + 145 + 225 = 685
% $= \dfrac{405}{685} \times 100 = 59.12\% \approx 60\%$

Hence, option E is correct.

4.   Number of toys sold by shop Pi in all the months = 285 + 240 + 320 + 330 + 285 =1460
Average $= \dfrac{1460}{5}$

= 292
Hence, option C is correct.

5.   Number of toys sold by Shop Ki in February, April and June together = 275 + 375 + 335 = 985
Number of toys sold by Shop Mi in February, April and June together = 315 + 260 + 225 = 800
Ratio = 985 : 800 = 197 : 160
Hence, option E is correct.