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Date Interpretation Table Chart Questions for Bank Clerk Exams.

DI Table Chart Quiz 21

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

Number of cars sold (in thousand) by 5 showrooms during 5 months

Month	Showroom					
	Α	В	С	D	Ε	
March	154	180	156	215	237	
April	167	199	179	181	254	
May	191	219	211	163	263	
June	205	198	259	165	181	
July	215	231	230	178	250	

1. What is	the average numbe	er of cars sold (in	thousand) by sho	wroom C in all tl	ne given
months tog	ether?				
A. 207	B. 211	C. 213	D. 205	E. 215	

2. By what percent the number of cars sold by showroom B increase from March to July?

A. 24.33%

B. 28.33%

C. 26.33%

D. 32.66%

E. 30.66%

3. The number of cars sold by showroom E increased by 8% from July to August and by 20% from August to September. How many cars were sold (in thousand) by store E in September?

A. 312

B. 318

C. 324

D. 328

E. 336

4. The total number of cars sold by all the given stores together in August was 7/9 of the total number of cars sold by all the given stores together in June. How many cars were sold (in thousand) by all the given stores together in August itself?

A. 756

B. 798

C. 784

D. 826

E. 812

5. The no. of cars sold by showroom D in July is approximately what percent more than the number of cars sold by show room A in March?

A. 15.2%

B. 16.4%

C. 15.9%

D. 16.6%

E. 15.6%

Correct Answers:

1	2	3	4	5
Α	В	С	С	Е

Explanations:

1.

Reqd. avg. =
$$\frac{156 + 179 + 211 + 259 + 230}{5}$$

$$=\frac{1035}{5}$$

= 207 thousand

Hence, option A is correct.

2.

Reqd. % =
$$\frac{231 - 180}{180} \times 100$$

$$=\frac{51\times100}{180}$$

Hence, option B is correct.

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3. No. of cars sold by showroom E in July = 250

Now, as two percentage transactions are incurring on one specific base value we can apply the net % effect formula to get to know the overall % increase.

Net % effect =
$$x + y + \frac{xy}{100}$$

Putting the values we get,

Net % effect =
$$8 + 20 + \frac{8 \times 20}{100} = 29.6\%$$

Therefore, the number of cars sold by E in September = 129.6% of 250 = 324 Hence, option C is correct.

4. The number of cars sold by all stores in August

$$=\frac{7}{9}$$
 of (Cars sold by all stores in June)

$$=\frac{7}{9}\times(205+198+259+165+181)$$

$$=\frac{7}{9} \times 1008 = 7 \times 112 = 784$$

Hence, option C is correct.

5.

Reqd. % =
$$\frac{178 - 154}{154} \times 100$$

$$= \frac{24 \times 100}{154}$$

= 15.6%

Hence, option E is correct.





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