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Date Interpretation Table Chart Questions for IBPS Clerk Pre, SBI Clerk Pre and RRB Asst. Pre Exams.

DI Table Chart Quiz 67

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

The following table represents the distance (in Km) travelled by five persons in seven different days of a week.

Persons	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A	700	550	840	460	880	380	820
B	500	450	630	540	350	440	840
C	650	800	480	280	680	460	780
D	400	620	720	620	300	520	760
E	250	520	650	740	340	380	560

1. Distance travelled by B in all the days together is what percent of the distance travelled by C in all the days together?

A. 64.24%   B. 78.23%   C. 88.65%   D. 72.56%   E. None of these

2. If the speed of B on Monday is 60 km/h and speed of D on Saturday is 80 km/h. Find the respective ratio of time taken by B and D.

A. 19 : 15   B. 13 : 17   C. 17 : 13   D. 15 : 19   E. None of these

3. Find the difference between total distance travelled by C on Sunday, Monday and Tuesday together and total distance travelled by E on Thursday, Friday and Saturday together.

A. 540 km   B. 650 km   C. 720 km   D. 830 km   E. None of these

4. Find the total distance travelled by all the persons on Thursday and Friday together.

A. 3520 km   B. 4650 km   C. 4730 km   D. 5270 km   E. None of these

5. Distance travelled by E on all the days together is what percent more/less than the distance travelled by all the persons on Saturday?

A. 8.51% less   B. 7.19% less   C. 8.51% more   D. 7.19% more   E. None of these

Correct Answers:

1	2	3	4	5
E	D	B	C	A

Explanations:

1. Distance travelled by B in all the days together = (500 + 450 + 630 + 540 + 350 + 440 + 840) km = 3750 km

Distance travelled by C in all the days together = (650 + 800 + 480 + 280 + 680 + 460 + 780) km = 4230 km

Reqd. % = $\dfrac{3750}{4130} \times 100 = 90.79\%$

Hence, option E is correct.

2.

Time taken by B on Monday = $\dfrac{450}{60}$ = 7.5 hours

Time taken by D on Saturday = $\dfrac{760}{80}$ = 9.5 hours

Respective ratio = 75 : 95 = 15 : 19

Hence, option D is correct.

3. Total distance travelled by C on Sunday, Monday and Tuesday together = (650 + 800 + 480) km = 1930 km

Total distance travelled by E on Thursday, Friday and Saturday together = (340 + 380 + 560) km = 1280 km

Required difference = (1930 − 1280) km = 650 km

Hence, option B is correct.

4. Total distance travelled by all the persons on Thursday and Friday together

= (880 + 350 + 680 + 300 + 340 + 380 + 440 + 460 + 520 + 380) km = 4730 km

Hence, option C is correct.

5. Distance travelled by E on all the days together = (250 + 520 + 650 + 740 + 340 + 380 + 560) km = 3440 km

Distance travelled by all the persons on Saturday = (820 + 840 + 780 + 760 + 560) km = 3760 km

Reqd. % = $\dfrac{3760 - 3440}{3760} \times 100$

= $\dfrac{320}{3760} \times 100 = 8.51\%$ less

Hence, option A is correct.

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