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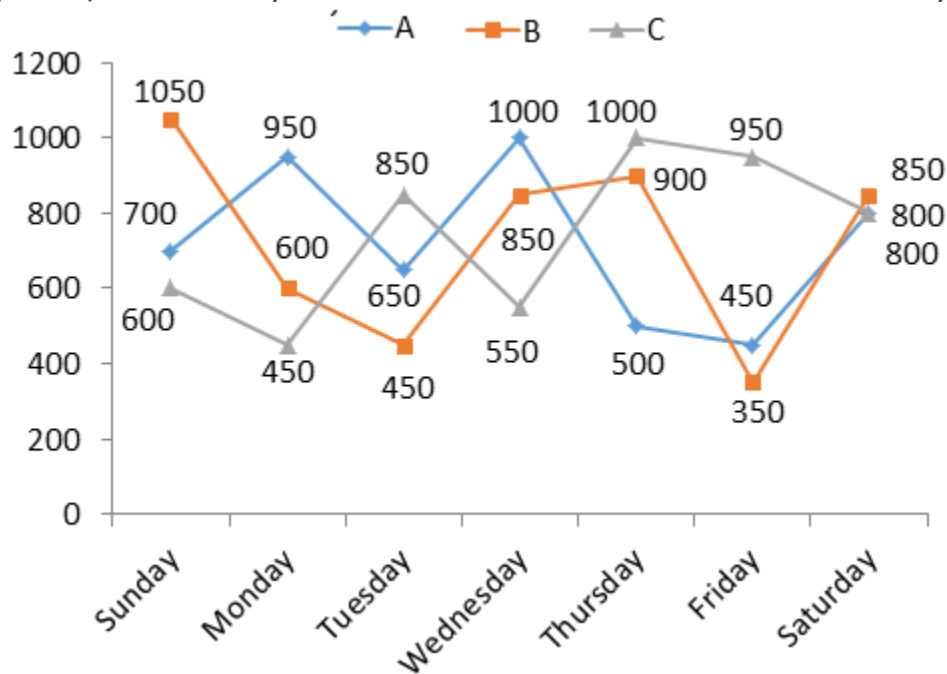
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# Date Interpretation Line Chart Questions for IBPS Clerk Pre, SBI Clerk Pre and RRB Asst. Pre Exams

## DI Line Chart Quiz 24

**Direction :** Study the following line graph carefully to answer the questions that follow.

Distance (in km) travelled by three different buses in seven different days of a week



**1. Total distance travelled by all the buses on Monday is what percent of total distance travelled by all the buses on Wednesday.**

- A. 75.56%      B. 83.33%      C. 67.78%      D. 88.88%      E. None of these

**2. Find the total distance travelled by bus B throughout the week.**

- A. 9650 km      B. 7560 km      C. 5050 km      D. 6050 km      E. None of these

**3. Find the respective ratio of the distance travelled by bus A on Sunday and Monday together and the distance travelled by bus B on Friday and Saturday together.**

- A. 13 : 12      B. 8 : 11      C. 12 : 13      D. 11 : 8      E. None of these

4. Find the difference between the distance travelled by bus A throughout the week and the distance travelled by bus C throughout the week.

- A. 150 km      B. 200 km      C. 250 km      D. 100 km      E. None of these

5. The distance travelled by bus B on Sunday is what percent more than the distance travelled by bus C on Saturday?

- A. 36.31%      B. 31.25%      C. 21.32%      D. 18.56%      E. None of these

**Correct Answers:**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
B	C	D	A	B

**Explanations:**

1. Total distance travelled by all the buses on Monday =  $950 + 600 + 450 = 2000$  Km  
Total distance travelled by all the buses on Wednesday =  $1000 + 850 + 550 = 2400$  km  
Reqd. % =  $\frac{2000}{2400} \times 100 = 83.33\%$

Hence, option (B) is correct.

2. Total distance travelled by bus B throughout the week  
=  $(1050 + 600 + 450 + 850 + 900 + 350 + 850)$  km = 5050 km

Hence, option (C) is correct.

3. Distance travelled by bus A on Sunday and Monday together =  $(700 + 950)$  km = 1650 km  
Distance travelled by bus B on Friday and Saturday together =  $(350 + 850)$  km = 1200 km  
Required ratio =  $1650 : 1200 = 11 : 8$

Hence, option (D) is correct

4. Distance travelled by bus A throughout the week

$$= 700 + 950 + 650 + 1000 + 500 + 450 + 800 = 5050 \text{ km}$$

Distance travelled by bus C throughout the week

$$= 600 + 450 + 850 + 550 + 1000 + 950 + 800 = 5200 \text{ km}$$

$$\text{Required difference} = (5200 - 5050) \text{ km} = 150 \text{ km}$$

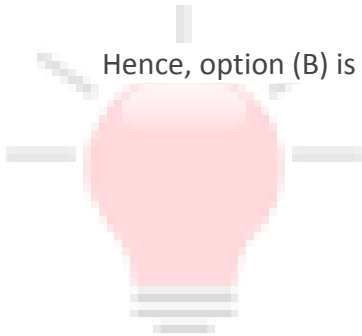
Hence, option (A) is correct.

5.

$$\text{Reqd. \%} = \frac{1050 - 800}{800} \times 100$$

$$= \frac{250}{800} \times 100 = 31.25\%$$

Hence, option (B) is correct.



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