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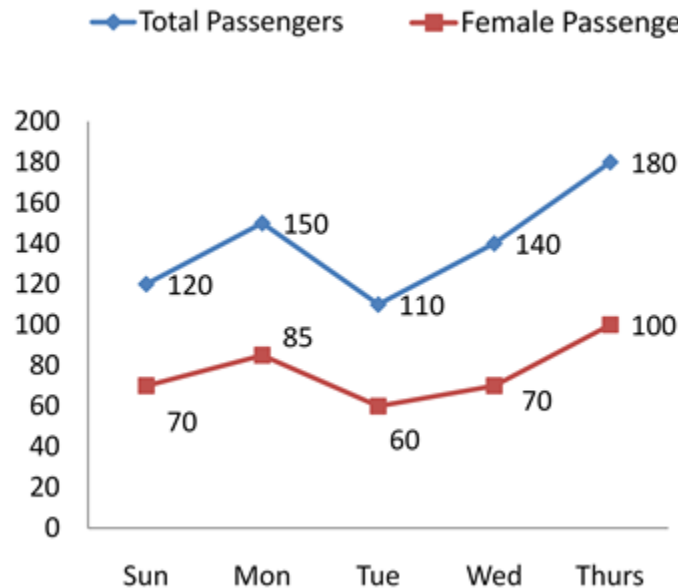
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Date Interpretation Line Chart Questions for Bank Clerk Pre Exams.

DI Line Chart Quiz 17

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

Number of passengers who travel from Mumbai to Delhi in different days (in thousands)



1. Find the average of male passengers who travel from Mumbai to Delhi during all the given days.

- A. 60500 B. 65000 C. 63000 D. 61500 E. None of these

2. If the number of passengers who travel from Mumbai to Delhi on Friday is 20% more than the total passengers who travel on Wednesday and the ratio between male and female passengers is 3 : 5, Find the numbers of female passengers who travel on Friday.

- A. 63000 B. 105000 C. 70000 D. 85000 E. None of these

3. The total number of male passengers who travel on tuesday and wednesday is approximately how much % more than the number of male passengers who travel on Thursday?

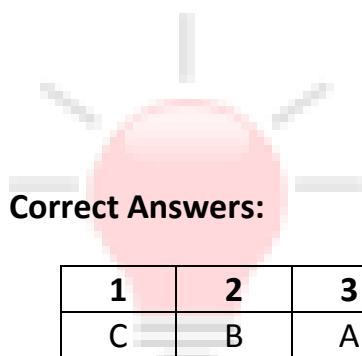
- A. 50% B. 33% C. 75% D. 15% E. None of these

4. Find the ratio between the total number of male passengers who travel on Sunday and Tuesday and the number of female passengers who travel on Thursday.

- A. 5 : 4 B. 1 : 3 C. 2 : 3 D. 1 : 1 E. None of these

5. Find the difference between the total number of male passengers who travel on Monday and Tuesday and the total number of female passengers who travel on same day.

- A. 25000 B. 35000 C. 12000 D. 18000 E. 30000

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Correct Answers:

1	2	3	4	5
C	B	A	D	E

Explanations:

1. Male passengers who travel on Sunday = $120000 - 70000 = 50000$

Male passengers who travel on Monday = $150000 - 85000 = 65000$

Male passengers who travel on Tuesday = $110000 - 60000 = 50000$

Male passengers who travel on Wednesday = $140000 - 70000 = 70000$

Male passengers who travel on Thursday = $180000 - 100000 = 80000$

Total male passenger = $50000 + 65000 + 50000 + 70000 + 80000 = 315000$

$$\text{Average} = \frac{315000}{5} = 63000$$

Hence, option C is correct.

2. Total number of passengers who travel on Friday = 120% of 140000 = 168000

$$\text{Female passengers} = 168000 \times \frac{5}{8} = 105000$$

Hence, option B is correct.

3. The total number of male passengers who travel on Tuesday and Wednesday = 50000 + 70000 = 120000

The number of male passengers who travel on Thursday = 80000

$$\% \text{ more} = \frac{120000 - 80000}{80000} \times 100$$

$$= \frac{40000}{80000} \times 100 = 50\%$$

Hence, option A is correct.

4. The total number of male passengers who travel on Sunday and Tuesday = 50000 + 50000 = 100000

The number of female passengers who travel on Thursday = 100000

$$\text{Ratio} = 100000 : 100000 = 1 : 1$$

Hence, option D is correct.

5. Total number of male passengers who travel on Monday and Tuesday = 65000 + 50000 = 115000

Total number of female passengers who travel on Monday and Tuesday = 85000 + 60000 = 145000

$$\text{Difference} = 145000 - 115000 = 30000$$

Hence, option E is correct.



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