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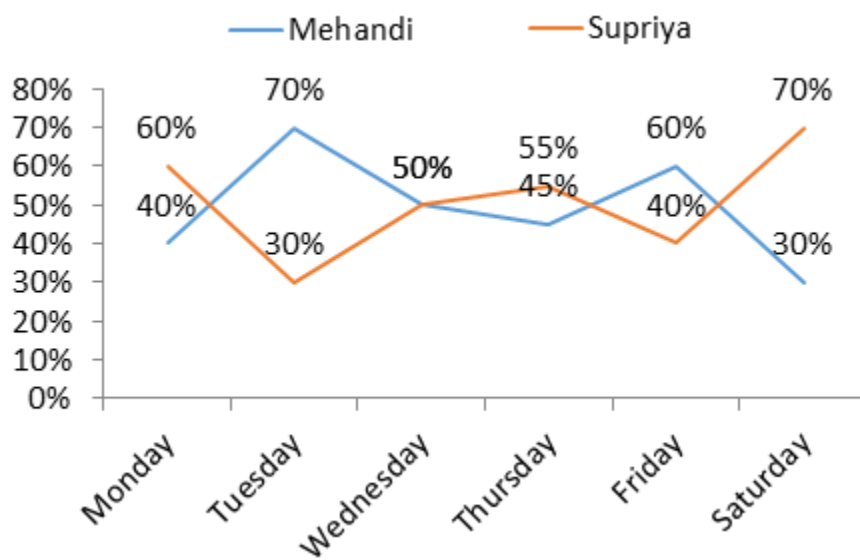
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Date Interpretation Mixed Chart Questions Quiz for SBI PO Pre, IBPS PO Pre, SBI Clerk Mains and IBPS Clerk Mains Exams.

DI Mixed Chart Quiz 42

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

Mehandi and Supriya are working in a chemistry laboratory and handled different number of student's everyday



Number of students visiting the chemistry lab on different days

Day	Number of students
Monday	180
Tuesday	270
Wednesday	150
Thursday	240
Friday	225
Saturday	210

1. Students handled by Mehandi on Thursday and Friday are what percent of students handle by Supriya on Thursday?

- A. 214.67% B. 192.32% C. 184.09% D. 186.56% E. 134.64%

2. On which day of the week Mehandi handled minimum number of students?

- A. Wednesday B. Tuesday C. Friday D. Saturday E. Monday

3. Find the ratio of the number of students handled by Mehandi on Monday and Tuesday together to number of students handled by Supriya on Wednesday and Friday?

- A. 59 : 22 B. 83 : 26 C. 44 : 31 D. 76 : 25 E. 87 : 55

4. The number of students handled by Supriya on Monday is what percent of the students handled by her on Tuesday and Saturday together?

- A. 48.39% B. 47.37% C. 50.41% D. 42.73% E. 45.56%

5. The number of students handled by Supriya from Monday to Friday are what percent of number of students handled by Mehandi from Monday to Friday?

- A. 83.94% B. 78.56% C. 87.34% D. 91.34% E. 88.30%

Correct Answers:

1	2	3	4	5
C	D	E	B	A

Explanations:

1. Students handled by Mehandi on Thursday and Friday together = 45% of 240 + 60% of 225 = 243

Students handled by Supriya on Thursday = 55% of 240 = 132

$$\text{Therefore, Percentage} = \frac{243}{132} \times 100 = 184.09\%$$

Hence, option C is correct.

2. Students handled by Mehandi on Monday = 40% of 180 = 72
Students handled by Mehandi on Tuesday = 70% of 270 = 189
Students handled by Mehandi on Wednesday = 50% of 150 = 75
Students handled by Mehandi on Thursday = 45% of 240 = 108
Students handled by Mehandi on Friday = 60% of 225 = 135
Students handled by Mehandi on Saturday = 30% of 210 = 63
On Saturday Mehandi handled minimum number of students.
Hence, option D is correct.

3. Number of students handled by Mehandi on Monday and Tuesday together = 72 + 189 = 261
Number of students handled by Supriya on Wednesday and Friday = 50% of 150 + 40% of 225 = 165
Therefore, respected ratio = 87: 55

Hence, option E is correct.

4. Number of students handled by Supriya on Monday = 60% of 180 = 108
Number of students managed by her on Tuesday and Saturday together = 30% of 270 + 70% of 210 = 228

Therefore, Percentage = $\frac{108}{228} \times 100 = 47.37\%$

Hence, option B is correct.

5. Number of students handled by Supriya from Monday to Friday = 486
Number of students handled by Mehandi from Monday to Friday = 579

Therefore, Percentage = $\frac{486}{579} \times 100 = 83.94\%$

Hence, option A is correct.



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