Banking Daily Quiz Blog - May 11

1. **Direction: Study the following information and answer the questions.**

Trishaa starts walking from point A, walks 12 m to the south and reaches point B. She then takes a left turn and walks 7 m to reach point C. She then takes a left, walks 5 m and reaches Point D. From Point D she turns left, walks 11 m and stops at point E. Point P is to the west of Point B. Rishi who is standing at point P walks for a distance equal to the shortest distance between B and E and reaches Point Q. From Point Q he takes a left turn, walks for a certain distance and reaches point E.

A. **Point Z is 9 m to the east of Point A. Arun starts from point Z, walks towards south, takes a right turn and walks for a certain distance to reach Point D. What is the total distance that Arun has to walk in order to reach Point D ?**
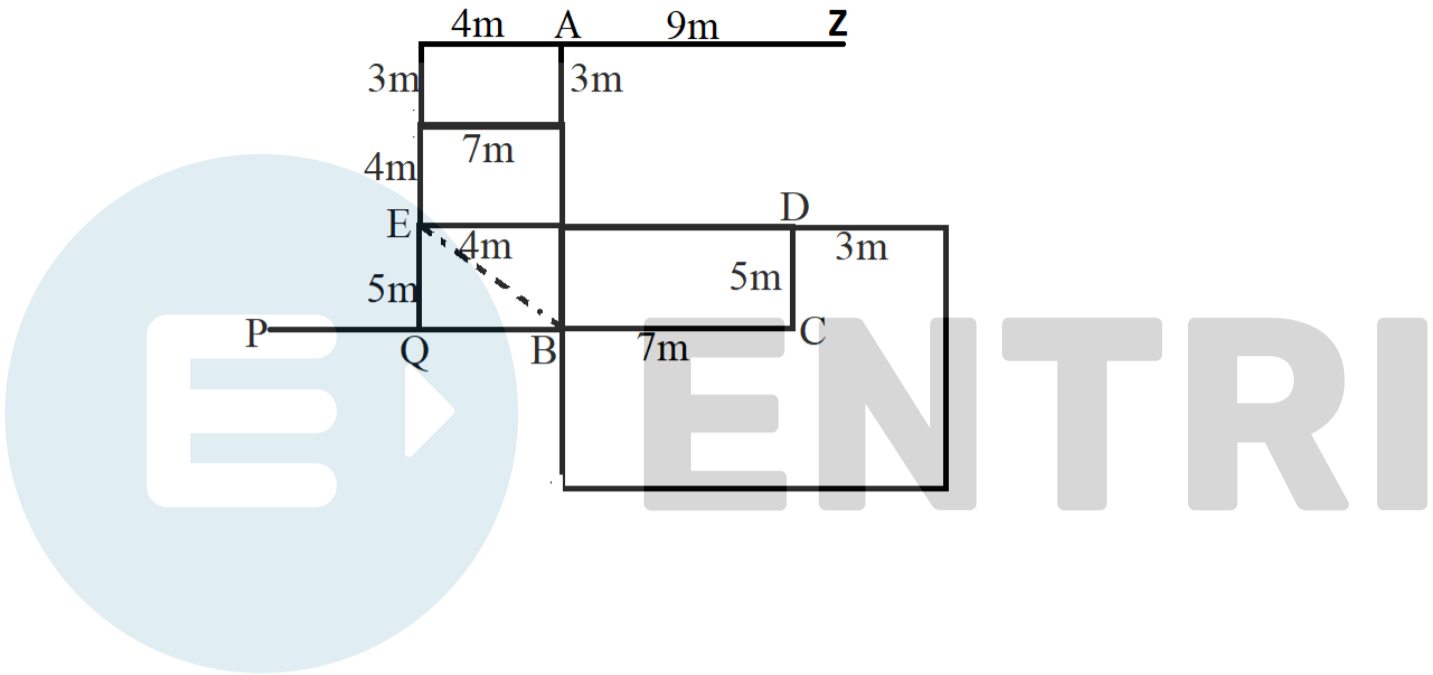
A   11m

B   20m

C   19m

D   15m

E   **9m**

Solution

Diagram as follows :

Hence, Arun walks 9m to reach point D.

B. **In which direction is point C with respect to point P ?**

A   North-East
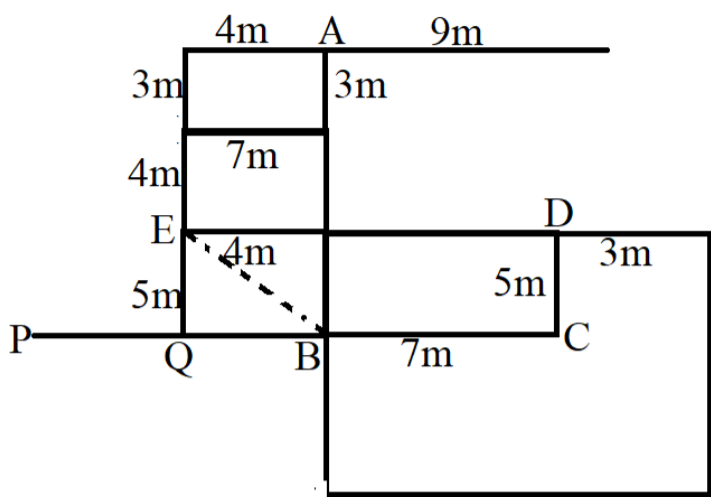
B   West

C   **East**

D   South-East

E   North-West

Solution

Diagram as follows :

Hence, point C is in east direction with respect to point P.

C. **Point M is 9 m to the north of Point Q. From Point M, which of the following walking directions would lead to point A?**

A. 12 m towards west, turn right and walk for 2 m, then turn right and walk for 7 m.

B. 4 m towards east, turn left and walk for 3 m, then turn right and walk 5 m.

C. 3 m towards north, turn left, walk 19 m, turn left and walk 5 m.

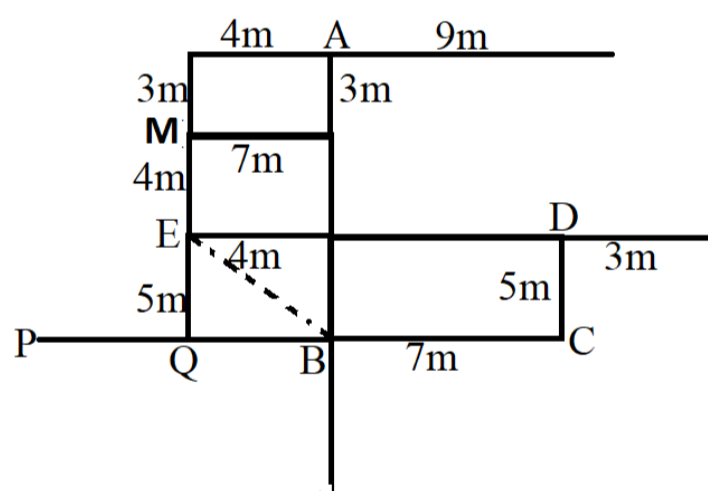**D. 3 m towards north, turn right and walk for 4 m.**

A	**Only D**

B	Both A and D

Solution

Diagram as follows :

Hence, from point M 3m towards north, turn right and walk for 4m leads to point A.

D. **Mehul starts walking towards south from Point B. He walks for a certain distance to reach Point K. He then takes a left turn walks for 10 m, takes another left turn and stops after walking for 9 m. If his**

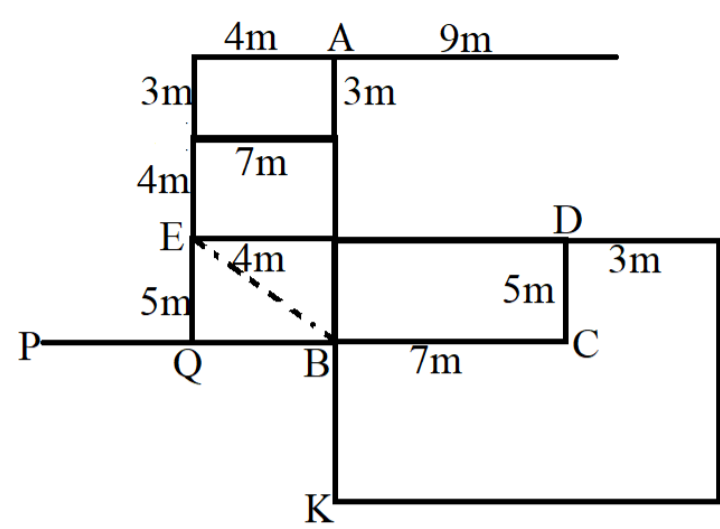**final position is 3 m to the east of Point D, what is the distance between Point B and Point K ?**

A 4m

B 5m

C 6m

D 3m

E 2m

Solution

Diagram as follows :

The distance between point E and K is 9m.

Hence, the distance between B and K is 9 − 5 = 4m.

2. **Direction: Study the information carefully and answer the questions.**

Professors O, P, Q, R, S, T, U, V, W, X, Y and Z had lectures in different months of the same year viz. January, March, April, May, June and December but not necessarily in the same order. All the lectures are either in 12th or 25th of these months. No two professors had lectures in the same day. Each professor also likes a different colour namely Red, Blue, Green, Yellow, Orange, White, Pink, Silver, Maroon, Violet, Brown and Grey but not necessarily in the same order. Note : No lecture was conducted in any other month of the same year. V had a lecture on 12th April. Only two people had lectures between V and Q. The one who likes red had a lecture in the same month as Q. Q does not like red. The one who likes White had a lecture on an even numbered date of the month which had exactly 30 days. V does not like white. Only three people had a lecture between the one who likes White and the one who likes Violet. As many people had lectures between the one who likes red and O as between Q and the one who likes White. Only two people had lectures between O and the one who likes Blue. U had a lecture on 12th of a month before the one who likes Violet. U likes neither red nor blue. Only two people had lectures between U and the one who likes Orange. Only two people had lectures between the one who likes Orange and the one who likes Green. X had a lecture in the same month as the one who likes green. As many people had a lecture after W as before X. Only one person had a lecture between W and Z. Z had a lecture before W. the one who likes Pink had a lecture on an odd numbered day in the same month as Z. P had a lecture on 12th of the same month as R. Only two people had lectures between P and the one who likes Yellow. The one who likes maroon had a lecture before P. T likes brown. S does not like Red. W does not like Grey.

A. **Who amongst the following had lecture in the same month as S?**

A   The one who likes Grey

B   The one who likes Grey

Solution

Person - O, P, Q, R, S, T, U, V, W, X, Y and Z

Month - January, March, April, May, June and December

Colour - Red, Blue, Green, Yellow, Orange, White, Pink, Silver, Maroon, Violet, Brown and Grey

I. V had a lecture on 12th April. Only two people had lectures between V and Q. The one who likes red had a lecture in the same month as Q. Q does not like red. So, there are two possibilities here :

I

Months	Case 1 12th	Case 1 25th	Case 2 12th	Case 2 25th
January	(Red)	Q		
March				
April	V		V	
May			(Red)	Q
June				
December				

II. The one who likes White had a lecture on an even numbered date of the month which had exactly 30 days. Only three people had a lecture between the one who likes White and the one who likes Violet.

III. As many people had lectures between the one who likes red and O as between Q and the one who likes White.V does not like white.

IV. Only two people had lectures between O and the one who likes Blue. U had a lecture on 12th of a month before the one who likes Violet.

V. U likes neither red nor blue. Only two people had lectures between U and the one who likes Orange.

VI. Only two people had lectures between the one who likes Orange and the one who likes Green. X had a lecture in the same month as the one who likes green.

VII. As many people had a lecture after W as before X.

VIII. Only one person had a lecture between W and Z. Z had a lecture before W. the one who likes Pink had a lecture on an odd numbered day in the same month as Z.

IX. P had a lecture on 12th of the same month as R.

Months	Case 1		Case 2	
	12th	25th	12th	25th
January	(Red)	Q	U (Green)	X
March	U (Green)	X	P (Blue)	R (Orange)
April	V (Violet)	(Orange)	V (Violet)	O
May	Z	O (Pink)	(Red)	Q
June	W (White)		Z (White)	(Pink)
December	P (Blue)	R	W	

X. Only two people had lectures between P and the one who likes Yellow. The one who likes maroon had a lecture before P. T likes brown.

XI. S does not like Red. W does not like Grey.This is not possible in case 1. So, case 2 is correct. So, final arrangement :

Months	12th	25th
January	U (Green)	X (Maroon)
March	P (Blue)	R (Orange)
April	V (Violet)	O (Yellow)
May	Y (Red)	Q (Grey)
June	Z (White)	S (Pink)
December	W (Silver)	T (Brown)

Hence, the one who likes white had lecture in the same month as S.

B. **If Y is related to White and P is related to Violet based on the given arrangement, then which of the following is related to O following the same pattern?**
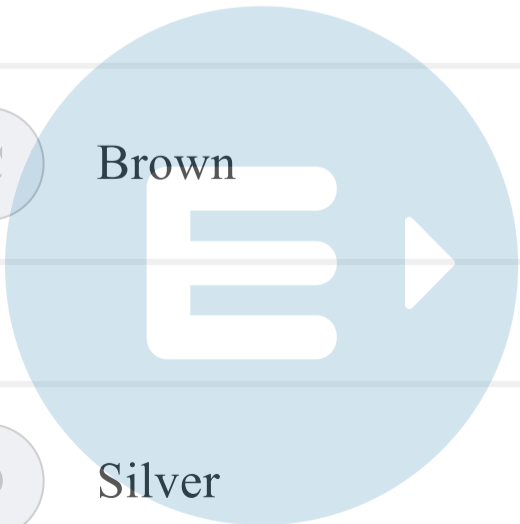
A Pink

B Grey

C Brown

D Silver

Solution

Person - O, P, Q, R, S, T, U, V, W, X, Y and Z

Month - January, March, April, May, June and December

Colour - Red, Blue, Green, Yellow, Orange, White, Pink, Silver, Maroon, Violet, Brown and Grey

I. V had a lecture on 12th April. Only two people had lectures between V and Q. The one who likes red had a lecture in the same month as Q. Q does not like red. So, there are two possibilities here :

I

Months	Case 1		Case 2	
	12th	25th	12th	25th
January	(Red)	Q		
March				
April	V		V	
May			(Red)	Q
June				
December				

II. The one who likes White had a lecture on an even numbered date of the month which had exactly 30 days. Only three people had a lecture between the one who likes White and the one who likes Violet.

III. As many people had lectures between the one who likes red and O as between Q and the one who likes White. V does not like white.

IV. Only two people had lectures between O and the one who likes Blue. U had a lecture on 12th of a month before the one who likes Violet.

V. U likes neither red nor blue. Only two people had lectures between U and the one who likes Orange.

VI. Only two people had lectures between the one who likes Orange and the one who likes Green. X had a lecture in the same month as the one who likes green.

VII. As many people had a lecture after W as before X.

VIII. Only one person had a lecture between W and Z. Z had a lecture before W. the one who likes Pink had a lecture on an odd numbered day in the same month as Z.

IX. P had a lecture on 12th of the same month as R.

Months	Case 1		Case 2	
	12th	25th	12th	25th
January	(Red)	Q	U (Green)	X
March	U (Green)	X	P (Blue)	R (Orange)
April	V (Violet)	(Orange)	V (Violet)	O
May	Z	O (Pink)	(Red)	Q
June	W (White)		Z (White)	(Pink)
December	P (Blue)	R	W	

X. Only two people had lectures between P and the one who likes Yellow. The one who likes maroon had a lecture before P. T likes brown.

XI. S does not like Red. W does not like Grey.This is not possible in case 1. So, case 2 is correct. So, final arrangement :

Months	12th	25th
January	U (Green)	X (Maroon)
March	P (Blue)	R (Orange)
April	V (Violet)	O (Yellow)
May	Y (Red)	Q (Grey)
June	Z (White)	S (Pink)
December	W (Silver)	T (Brown)

Hence, O is related to grey.

C. **Which of the following combination is correct?**

A   X-Pink

B   W-White

C   **V-Violet**

D   U-Grey

E   O-Red

Solution

Person - O, P, Q, R, S, T, U, V, W, X, Y and Z

Month - January, March, April, May, June and December

Colour - Red, Blue, Green, Yellow, Orange, White, Pink, Silver, Maroon, Violet, Brown and Grey

I. V had a lecture on 12th April. Only two people had lectures between V and Q. The one who likes red had a lecture in the same month as Q. Q does not like red. So, there are two possibilities here :

I

	Case 1		Case 2	
Months	12th	25th	12th	25th
January	(Red)	Q		
March				
April	V		V	
May			(Red)	Q
June				
December				

II. The one who likes White had a lecture on an even numbered date of the month which had exactly 30 days. Only three people had a lecture between the one who likes White and the one who likes Violet.

III. As many people had lectures between the one who likes red and O as between Q and the one who likes White. V does not like white.

IV. Only two people had lectures between O and the one who likes Blue. U had a lecture on 12th of a month before the one who likes Violet.

V. U likes neither red nor blue. Only two people had lectures between U and the one who likes Orange.

VI. Only two people had lectures between the one who likes Orange and the one who likes Green. X had a lecture in the same month as the one who likes green.

VII. As many people had a lecture after W as before X.

VIII. Only one person had a lecture between W and Z. Z had a lecture before W. the one who likes Pink had a lecture on an odd numbered day in the same month as Z.

IX. P had a lecture on 12th of the same month as R.

Months	Case 1		Case 2	
	12th	25th	12th	25th
January	(Red)	Q	U (Green)	X
March	U (Green)	X	P (Blue)	R (Orange)
April	V (Violet)	(Orange)	V (Violet)	O
May	Z	O (Pink)	(Red)	Q
June	W (White)		Z (White)	(Pink)
December	P (Blue)	R	W	

X. Only two people had lectures between P and the one who likes Yellow. The one who likes maroon had a lecture before P. T likes brown.

XI. S does not like Red. W does not like Grey.This is not possible in case 1. So, case 2 is correct. So, final arrangement :

Months	12th	25th
January	U (Green)	X (Maroon)
March	P (Blue)	R (Orange)
April	V (Violet)	O (Yellow)
May	Y (Red)	Q (Grey)
June	Z (White)	S (Pink)
December	W (Silver)	T (Brown)

Hence, V- Violet is the correct combination.

D. Which of the following combinations indicate those who had a lecture in March?

A   The one who likes Maroon and R

B   U and X

C   **P and R**

D   The one who likes Green and the one who likes pink

E   R and V

Solution

Person - O, P, Q, R, S, T, U, V, W, X, Y and Z

Month - January, March, April, May, June and December

Colour - Red, Blue, Green, Yellow, Orange, White, Pink, Silver, Maroon, Violet, Brown and Grey

I. V had a lecture on 12th April. Only two people had lectures between V and Q. The one who likes red had a lecture in the same month as Q. Q does not like red. So, there are two possibilities here :

I

	Case 1		Case 2	
Months	12th	25th	12th	25th
January	(Red)	Q		
March				
April	V		V	
May			(Red)	Q
June				
December				

II. The one who likes White had a lecture on an even numbered date of the month which had exactly 30 days. Only three people had a lecture between the one who likes White and the one who likes Violet.

III. As many people had lectures between the one who likes red and O as between Q and the one who likes White. V does not like white.

IV. Only two people had lectures between O and the one who likes Blue. U had a lecture on 12th of a month before the one who likes Violet.

V. U likes neither red nor blue. Only two people had lectures between U and the one who likes Orange.

VI. Only two people had lectures between the one who likes Orange and the one who likes Green. X had a lecture in the same month as the one who likes green.

VII. As many people had a lecture after W as before X.

VIII. Only one person had a lecture between W and Z. Z had a lecture before W. the one who likes Pink had a lecture on an odd numbered day in the same month as Z.

IX. P had a lecture on 12th of the same month as R.

Months	Case 1		Case 2	
	12th	25th	12th	25th
January	(Red)	Q	U (Green)	X
March	U (Green)	X	P (Blue)	R (Orange)
April	V (Violet)	(Orange)	V (Violet)	O
May	Z	O (Pink)	(Red)	Q
June	W (White)		Z (White)	(Pink)
December	P (Blue)	R	W	

X. Only two people had lectures between P and the one who likes Yellow. The one who likes maroon had a lecture before P. T likes brown.

XI. S does not like Red. W does not like Grey.This is not possible in case 1. So, case 2 is correct. So, final arrangement :

Months	12th	25th
January	U (Green)	X (Maroon)
March	P (Blue)	R (Orange)
April	V (Violet)	O (Yellow)
May	Y (Red)	Q (Grey)
June	Z (White)	S (Pink)
December	W (Silver)	T (Brown)

Hence, P and R had lectures in March.

E. How many people have lectures between the lectures by X and Y?

A   Three

B   Four

C   One

D   Two

E   None

Solution

Person - O, P, Q, R, S, T, U, V, W, X, Y and Z

Month - January, March, April, May, June and December

Colour - Red, Blue, Green, Yellow, Orange, White, Pink, Silver, Maroon, Violet, Brown and Grey

I. V had a lecture on 12th April. Only two people had lectures between V and Q. The one who likes red had a lecture in the same month as Q. Q does not like red. So, there are two possibilities here :

|

	Case 1		Case 2	
Months	12th	25th	12th	25th
January	(Red)	Q		
March				
April	V		V	
May			(Red)	Q
June				
December				

II. The one who likes White had a lecture on an even numbered date of the month which had exactly 30 days. Only three people had a lecture between the one who likes White and the one who likes Violet.

III. As many people had lectures between the one who likes red and O as between Q and the one who likes White. V does not like white.

IV. Only two people had lectures between O and the one who likes Blue. U had a lecture on 12th of a month before the one who likes Violet.

V. U likes neither red nor blue. Only two people had lectures between U and the one who likes Orange.

VI. Only two people had lectures between the one who likes Orange and the one who likes Green. X had a lecture in the same month as the one who likes green.

VII. As many people had a lecture after W as before X.

VIII. Only one person had a lecture between W and Z. Z had a lecture before W. the one who likes Pink had a lecture on an odd numbered day in the same month as Z.

IX. P had a lecture on 12th of the same month as R.

Months	Case 1		Case 2	
	12th	25th	12th	25th
January	(Red)	Q	U (Green)	X
March	U (Green)	X	P (Blue)	R (Orange)
April	V (Violet)	(Orange)	V (Violet)	O
May	Z	O (Pink)	(Red)	Q
June	W (White)		Z (White)	(Pink)
December	P (Blue)	R	W	

X. Only two people had lectures between P and the one who likes Yellow. The one who likes maroon had a lecture before P. T likes brown.

XI. S does not like Red. W does not like Grey.This is not possible in case 1. So, case 2 is correct. So, final arrangement :

Months	12th	25th
January	U (Green)	X (Maroon)
March	P (Blue)	R (Orange)
April	V (Violet)	O (Yellow)
May	Y (Red)	Q (Grey)
June	Z (White)	S (Pink)
December	W (Silver)	T (Brown)

Hence, four people have lectures between X and Y.

F. **Four of the following five are alike in a certain way based on the given seating arrangement and hence form a group. Which of the following does not belong to that group?**

A   12-Y

B   25-O

C   12-Green

D   **12-Pink**

E   25-T

Solution

Person - O, P, Q, R, S, T, U, V, W, X, Y and Z

Month - January, March, April, May, June and December

Colour - Red, Blue, Green, Yellow, Orange, White, Pink, Silver, Maroon, Violet, Brown and Grey

I. V had a lecture on 12th April. Only two people had lectures between V and Q. The one who likes red had a lecture in the same month as Q. Q does not like red. So, there are two possibilities here :

I

Months	Case 1		Case 2	
	12th	25th	12th	25th
January	(Red)	Q		
March				
April	V		V	
May			(Red)	Q
June				
December				

II. The one who likes White had a lecture on an even numbered date of the month which had exactly 30 days. Only three people had a lecture between the one who likes White and the one who likes Violet.

III. As many people had lectures between the one who likes red and O as between Q and the one who likes White. V does not like white.

IV. Only two people had lectures between O and the one who likes Blue. U had a lecture on 12th of a month before the one who likes Violet.

V. U likes neither red nor blue. Only two people had lectures between U and the one who likes Orange.

VI. Only two people had lectures between the one who likes Orange and the one who likes Green. X had a lecture in the same month as the one who likes green.

VII. As many people had a lecture after W as before X.

VIII. Only one person had a lecture between W and Z. Z had a lecture before W. the one who likes Pink had a lecture on an odd numbered day in the same month as Z.

IX. P had a lecture on 12th of the same month as R.

Months	Case 1		Case 2	
	12th	25th	12th	25th
January	(Red)	Q	U (Green)	X
March	U (Green)	X	P (Blue)	R (Orange)
April	V (Violet)	(Orange)	V (Violet)	O
May	Z	O (Pink)	(Red)	Q
June	W (White)		Z (White)	(Pink)
December	P (Blue)	R	W	

X. Only two people had lectures between P and the one who likes Yellow. The one who likes maroon had a lecture before P. T likes brown.

XI. S does not like Red. W does not like Grey. This is not possible in case 1. So, case 2 is correct. So, final arrangement :

Months	12th	25th
January	U (Green)	X (Maroon)
March	P (Blue)	R (Orange)
April	V (Violet)	O (Yellow)
May	Y (Red)	Q (Grey)
June	Z (White)	S (Pink)
December	W (Silver)	T (Brown)

Hence, 12-Pink is not the correct combination.