





Direction (1-5): Study the following information carefully and answer the below questions

Nine boxes- P, Q, R, S, T, U, V, W and X are kept

Nine boxes- P, Q, R, S, T, U, V, W and X are kept one above another in the nine different shelves but not necessarily in the same order. The lowermost shelf is numbered as one and the topmost shelf is numbered as nine.

P is kept three shelves above the box which has kept immediately above R. Only one box is kept between P and U which is kept above P. U is kept on an odd number position. The numbers of boxes kept above U is the same as below V. T is kept adjacent to R. Q is kept immediately above S. The number of boxes kept between Q and U is

same as between X and W. X is not kept adjacent to V.

1) Which of the following box is kept on three boxes above T?

A.Box U

B.Box S

C.The box which is kept two shelves below Q

D.The Box which is kept immediately above W

E.Box R

2) If all the boxes are arranged in alphabetical order from top to bottom, then how many boxes are unchanged in its position?

A.One

 ${\bf B}.{\sf Two}$

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C.Four

D.None

E.Three

3) Which of the following box is kept adjacent to each other?

I. SU

II. WR

III. PW

A.Only II and III

B.Only III

C.Only I and III

D.Only II

E.None of the statement is false

4) How many boxes are kept between Box R and

Box X?

A.Four

B.Three

C.Two

D.Five

E.None of the above

5) How many boxes are kept above box X?

A.More than Five

B.Five

C.Three

D.Two

E.None

Direction (6-10): Study the following information carefully and answer the questions given below.

Eight boxes contain different fruits viz. Apple,
Apricot, Berry, Grapes, Jack, Melon, Orange, and
Pear, but not necessarily in the same order. The
lowermost box is numbered as 1 and the box
immediately above is numbered as 2 and so on.
The number of boxes above Jack is one less than
the number of boxes below Jack, which is placed
three boxes away from Apricot. Only one box was
placed between Apricot and Pear. Apple was
placed in an even-numbered box and immediately
above Berry but not adjacent to Jack. The
number of boxes above Berry is one more than
the number of boxes below Grapes. At least two
boxes were placed between Orange and Melon
which is not placed above Orange.

6) Four of the following five are alike in a certain way and hence form a group. Find the one that doesn't belong to that group?

A.Orange

B.Apple

C.Apricot

D.Berry

E.Pear

7) Which of the following fruit was placed exactly between Jack and Grapes?

A.Pear

B.Melon

C.Apricot

D.Orange

E.Cannot be determined

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8) How many boxes are there between Orange and Apricot?

A.One

B.Two

C.Three

D.More than three

E.None

9) In which of the following box does Grapes was placed?

A.Box 7

B.Box 1

C.Box 3

D.Box 5

E.None of these

10) Which of the following fruit was placed immediately above Apricot?

A.Melon

B.Orange

C.Pear

D.No such box

E.None of these

ANSWER WITH EXPLANATION

Direction (1-5):

1. Answer: D

2. Answer: A

3. Answer: C

4. Answer: A

5. Answer: C

Final Arrangement

Shelves	Boxes
9	Q
8	S
7	U
6	X
5	Р
4	W
3	V
2	T
1	R

We have,

 P is kept three shelves above the box which has kept immediately above R.





- Only one box is kept between P and U which is kept above P.
- U is kept on an odd numbered position.

From the above condition, there are two possibilities.

Shelves	Case1	Case2
9	U	
8		
7	Р	U
6		
5		Р
4		
3	R	
2		
1		R

Again we have,

- The numbers of boxes kept above U is the same as below V.
- T is kept adjacent to R.

From the above condition, there are three possibilities.

Shelves	Case1	Case2	Case1a
	U		U
8			
7	Р	U	Р
6			
5		Р	
4	Т		
3	R	V	R
2		T	Т
1	V	R	V

Again we have,

Q is kept immediately above S.

From the above condition, there are four possibilities.

Shelves	Case1	Case2	Case1a	Case1a(1)
9	U	Q	U	U
8		S		
7	Р	U	Р	Р
6	Q		Q	
5	S	Р	S	Q
4	T			S
3	R	V	R	R
2		T	T	T
1	V	R	V	V

Again we have,

- The numbers of boxes kept between Q and U is the same as between X and W.
- X is not kept adjacent to V.

From the above condition, Except case2, all cases are getting eliminated.





	Case1	Case2	Case1a	Casela(1)
9	U	Q	U	U
8		S		
7	Р	U	Р	Р
6	Q	X	Q	
5	S	Р	S	Q
4	Т	W		S
3	R	V	R	R
2		T	Т	T
1	V	R	V	V

Direction (6-10):

6. Answer: D

7. Answer: B

8. Answer: C

9. Answer: B

10. Answer: A

Box	Fruits
8	Apple
7	Berry
6	Orange
5	Jack
4	Pear
3	Melon
2	Apricot
1	Grapes

1. The number of boxes above Jack is one less than the number of boxes below Jack, which is placed three boxes away from Apricot. Only one box was placed between Apricot and Pear.

	Case 1	Case 2
Box	Fruits	Fruits
8	Apricot	
7		
6	Pear	
5	Jack	Jack
4		Pear
3		
2		Apricot
1		

2. Apple was placed in an even-numbered box and immediately above Berry but not adjacent to Jack. The number of boxes above Berry is one more than the number of boxes below Grapes.

	Case 1	Case 2
Box	Fruits	Fruits
8	Apricot	Apple
7	Grapes	Berry
6	Pear	
5	Jack	Jack
4		Pear
3		
2	Apple	Apricot
1	Berry	Grapes

3. At least two boxes were placed between
Orange and Melon which is not placed above
Orange. Hence, case 1 gets eliminated.





	Case 1	Case 2
Box	Fruits	Fruits
8	Apricot	Apple
7	Grapes	Berry
6	Pear	Orange
5	Jack	Jack
4		Pear
3		Melon
2	Apple	Apricot
1	Berry	Grapes

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