Box Based Puzzle for Bank Exam – Question Bank Set 2 (Eng)

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Directions (1-5): 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.

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

a) Melon
b) Orange
c) Pear
d) No such box
e) None of these

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

a) One
b) Two
c) Three
d) More than three
e) None

3) 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

4) 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

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

a) Pear
b) Melon
c) Apricot
d) Orange
e) Cannot be determined

Directions (6-10): Study the following information carefully and answer the below questions

Ten boxes- L, M, N, O, P, Q, R, S, T, and U are kept one above another on the ten different shelves. The lowermost shelf is numbered as one and the shelf just above the lowermost shelf is

numbered as two and so on till the topmost shelf is numbered as ten. All the information is not necessarily in the same order. The consecutive alphabetically named boxes are not kept together. Box Q is kept four shelves above the box which is kept immediately below Box P. Only four boxes are kept between Box P and Box N. Box N is kept above Box Q. The number of boxes kept between N and Q is the same as between P and S. Box S is kept three boxes above Box L. The number of boxes that are kept above L is the same as below O. Box M is kept below Box N. Only two boxes are kept between R and U.

6) Which of the following box kept at the second position from the bottom?

A. Box O
B. Box R
C. Box Q
D. Box U
E. Box P

7) How many boxes are kept between box T and box M?

A. Two
B. One
C. Four
D. Three
E. More than four

8) If all the boxes are arranged in alphabetical order from the top, how many boxes remain in the same positions?

A. One
B. Two
C. Three
D. None
E. More than three

9) Which of the following statement is/are true?

I. Box T is kept at an odd number position
II. Only two boxes are kept between O and N
III. Box U and Box L are adjacent to each other

A. Only I and III
B. Only III
C. Only I and II
D. Only II
E. None of these

10) Which of the following box kept two boxes above box P?

A. Box S
B. Box U
C. Box N
D. Box T
E. None of these

ANSWER WITH EXPLANATION

Directions (1-5):

1) Answer: A

2) Answer: C

3) Answer: B

4) Answer: D

5) Answer: B

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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

Directions (6-10):

6) Answer: E

7) Answer: C

8) Answer: A

9) Answer: D

10) Answer: A

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Final Arrangement

Shelves	Boxes
10	O
9	R
8	T
7	N
6	U
5	Q
4	S
3	M
2	P
1	L

We have,

- Box Q is kept four shelves above the box which is kept immediately below Box P.
- Only four boxes are kept between Box P and Box N.
- Box N is kept above Box Q.

From the above condition, there are four possibilities.

Shelves	Case1	Case2	Case3	Case4
10	N			
9		N		
8	Q		N	
7		Q		N
6			Q	
5	P			Q
4		P		
3			P	
2				P
1				

Again we have,

- The number of boxes kept between N and Q is the same as between P and S.
- Box S is kept three boxes above Box L.
- The number of boxes kept above L is the same as below O.
- The consecutive alphabetically named boxes are not kept together.

From the above condition and Note, case1, case2, case3 get eliminated.

Shelves	~~Case1~~	~~Case2~~	~~Case3~~	Case4
10	N			O
9		N		
8	Q		N	
7	S	Q		N
6		S	Q	
5	P		S	Q
4	L	P		S
3		L	P	
2			L	P
1				L

Again we have,

- Box M kept below Box N.
- Only two boxes are kept between R and U.
- The consecutive alphabetically named boxes are not kept together.

From the above condition, case4 gets eliminated.

Shelves	Case4
10	O
9	R
8	T
7	N
6	U
5	Q
4	S
3	M
2	P
1	L

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