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

Eight boxes viz. A, B, C, D, E, F, G, and H are kept one above another in a single stack. The lowermost box is numbered as 1 and immediately above it is numbered as 2 and so on till the topmost box is numbered as 8.

Three boxes are kept between A and G. Only one box is kept between D and A. Box A is kept above box G. Box B and Box D are kept adjacent to each other. Box E is kept immediately above box G. There are two boxes kept between F and H. The box F is kept immediately below box G.

- 1) Which among the following box kept just below box A?
- A. Box G
- B. Box H
- C. Box B
- D. Box F
- E. Box C
- 2) How many boxes were kept in between Box B and Box G?
- A. None
- B. One
- C. Two
- D. Three
- E. More Than Three
- 3) Which among the following box kept just above
- Box E?
- A. Box A
- B. Box B

- C. Box H
- D. Box C
- E. Box D
- 4) Which of the following statement is/are not true?
- **A.** Two boxes were kept in between Box H and Box F
- **B**. Box D does not keep at the top of all the boxes
- C. Box C and Box A are kept adjacent to each other
- D. Both A and B
- E. Both B and C
- 5) Which of the following box is kept third from the bottom?
- A. Box E
- B. Box G
- C. Box H
- **D**. Box F
- E. Box A

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

Nine boxes- P, Q, R, S, T, U, V, W, and X are kept one above another in the stack. The lowermost shelf is numbered as one and the topmost shelf is numbered as nine. All the information is not necessarily in the same order. Box X is kept at an even number position below the sixth shelf. Only two boxes are kept between X and U. Only three boxes are kept between U and T. The number of boxes kept above T is one





more than the number of boxes kept below P.

The number of boxes kept between P and U is
the same as between T and V.Box Q has kept
immediately above box S. Box R is kept adjacent
to neither box X nor box P.

- 6) How many boxes are kept above box W?
- A. More than Four
- B. Four
- C. Three
- D. Two
- E. None
- 7) Which of the following box is kept above box X?
- I) The box kept at fifth position
- II) The box kept immediately above Box V
- III) The box kept immediately below Box S
- A. Only II and III
- B. Only III
- C. Only I and III
- D. Only II
- E. None of the statement is false
- 8) How many boxes are kept between Box S and Box T?

- A. Four
- B. Three
- C. Two
- D. Five
- E. None of the above
- 9) Which of the following box kept at the eighth position from the top?
- A. Box W
- **B.** The box which is kept immediately below box P
- C. The box which is kept two boxes below U
- **D.** The box which is kept immediately above Box R
- E. Box X
- 10) If all the boxes are arranged in alphabetical order from the top of the stack. How many boxes remain unchanged its position?
- A. None
- B. One
- C. Two
- D. Three
- E. More than three

ANSWER WITH EXPLANATION

Directions (1-5):

1) Answer: E

2) Answer: E

3) Answer: C

4) Answer: B

5) Answer: A

three boxes are kept between A and G.

Box A is kept above box G.

two boxes are kept between F and H.

The box F is kept immediately below box G.

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	Case 1	Case 2	Case 3
Box. no	Boxes	Boxes	Boxes
8	Α	5.0	
7		Α	
6	Н		Α
5	50	Н	
4	G	3 .	Н
3	F	G	
2		F	G
1		,	F

one box is kept between D and A. Box B and Box D are kept adjacent to each other. Box E is kept immediately above box G.

	Case 1	Case 2	Case 3
Box. no	Boxes	Boxes	Boxes
8	Α	,	D
7	3	Α	В
6	Н		Α
5		Н	С
4	G	5.0	Н
3	F	G	Е
2		F	G
1	2	5	F

Directions (6-10):

6) Answer: B

7) Answer: C

8) Answer: A

9) Answer: D

10) Answer: A

Q	
S	
U	
Р	
W	
X	
T	
V	
R	

We have,

- Box X is kept at an even number position below the sixth shelf.
- Only two boxes are kept between X and U.

 From the above condition, there are three

From the above condition, there are three possibilities.

	Case1	Case2	Case1a
9			
8			
7	U		
6			
5		U	
4	X		X
3	2		12
2		X	
1			U

Again we have,

 Only three boxes are kept between U and T.





 The number of boxes kept above T is one more than the number of boxes kept below P.

From the above condition, case2 and case1a get eliminated.

	Case1	Case2	Case la	Case2a
9		T		
8				Р
7	U			
6	P			29
5		U	T	U
4	X		X	% · · · · · · · · · · · · · · · · · · ·
3	Т			
2		X		X
1			U	Т

Again we have,

- The number of boxes kept between P and U is the same as between T and V.
- Box Q has been kept immediately above box S.

	Case1	Case2a
9	Q	
8	S	Р
7	U	Q
6	Р	S
5		U
4	X	V
3	T	2
2	V	X
1		T

Again we have,

 Box R is kept adjacent to neither box X nor box P.

From the above condition, case2a gets eliminated. case1 shows the final arrangement.

Case1	Case 2a
Q	\$
S	Р
U	Q
P	S
W	U
X	V
T	
V	X
R	T
	Q S U P W X T





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