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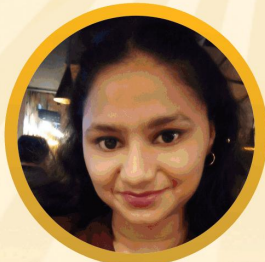
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Puzzle Questions for Bank Exams SBI Clerk, IBPS Clerk, SBI PO Pre, IBPS PO Pre and IBPS SO Pre exams

PUZZLE TEST QUIZ 75

Directions: Read the given information carefully and answer the questions given below:

There are seven boxes from A to G, which are placed one above the other. The lowermost box is numbered as one and above as two and so on. Each of the boxes is differentiated with respect to following colors like Violet, Indigo, Blue, Green, Yellow, Orange and Red. All the above information is not necessarily in the same order.

Box A is placed at odd number position below sixth Box. One Box is placed between Box A and Box F, which is Green coloured. Box B is neither Indigo colour nor Red colour. Two Boxes are placed between Box F and Box E. Box C is of Yellow colour and it is placed immediately above Box E. Box B and Box G are placed adjacent to each other. Two Boxes are placed between Box A and the Indigo coloured Box. Only one Box is placed between Indigo coloured box and Violet coloured Box. Box D is not Violet coloured. More than three boxes are placed between the Red coloured Box and the Orange coloured Box. Box E is neither of Red colour nor Indigo colour.

1. Which among the following box is placed immediately below Orange colored box?

- A. Box A B. Box B C. Box C
D. Box D E. None of these

2. Which of the following statement is true regarding Blue colored box?

- A. Red colored box is not adjacent to Blue colored box.
- B. Violet colored box is placed immediately below Blue colored box. (C.)
- C. Only two boxes are placed between Blue colored box and Green colored box.
- D. Blue colored box is placed three boxes below Yellow colored box.
- E. None of these

3. Which among the following box is placed immediately above Green colored box?

- A. Red colored box B. Blue colored box C. Orange colored box
- D. Either A or C E. None of these

4. How many boxes are placed between Orange coloured box and Indigo coloured box?

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

5. Which among the following box is placed at 6th position?

- A. Box B B. Violet colored box C. Box G
- D. Indigo colored box E. Both C and D

Correct answers:

1	2	3	4	5
E	E	A	C	E

Common Explanation

References:

Box A is placed in odd number position below sixth Box.

One Box is placed between Box A and Box F, which is Green colored.

Two Boxes are placed between Box F and Box E.

Box C is in Yellow color and it is placed immediately above Box E.

Two Boxes are placed between Box A and the Indigo colored Box.

Only one Box is placed between Indigo colored box and Violet colored Box.

Box D is not Violet colored.

Box E is neither Red color nor Indigo color.

Inferences:

From above statements,

Box A is placed in odd number position below sixth Box.

Here Box A can be in either 5th or 3rd or 1st position. Thus we get 3 possibilities.

By using other statements,

Case 1: If Box A is placed at 5th position. Now Box F can be placed at either 7th or 3rd position (one box between Box F and Box A). Again we get two possibilities (Case 1 & 1-A)

Case 2: If Box A is placed at 3rd position. Now Box F can be placed at either 1st or 5th position (one box between Box F and Box A). Again we get two possibilities (Case 2 & 2-A)

Case 3: If Box A is placed at 3rd position. Now Box F can be placed at 3rd position.

Note: With respect to other statements, Case 1-A & 2-A gets eliminated. Remaining Case 1, 2 and 3 as follows,

Case :1			Case: 1-A [Eliminated] No place for Box C			Case: 2		
Box Position	Box	Color	Box Position	Box	Color	Box Position	Box	Color
7	Box C	Yellow	7	Box F	Green	7		
6	Box E	Red	6			6		Indigo
5	Box A		5	Box A		5	Box C	Yellow
4	Box D	Violet	4	Box E		4	Box E	Violet
3	Box F	Green	3			3	Box A	
2		Indigo	2			2		
1			1			1	Box F	Green

Case: 2-A [Eliminated] No place for Box C			Case: 3		
Box Position	Box	Color	Box Position	Box	Color
7			7	Box C	Yellow
6			6	Box E	Violet/
5	Box F	Green	5		
4			4		Indigo
3	Box A		3	Box F	Green
2	Box E		2	Box D	Violet/
1			1	Box A	

References:

Box B and Box G is placed adjacent to each other.

Box B is neither Indigo color nor Red color.

More than three boxes are placed between the Red colored Box and the Orange colored Box.

Inferences:

From above statements,

Box B and Box G is placed adjacent to each other. Box B is neither Indigo color nor Red color. More than three boxes are placed between the Red colored Box and the Orange colored Box.

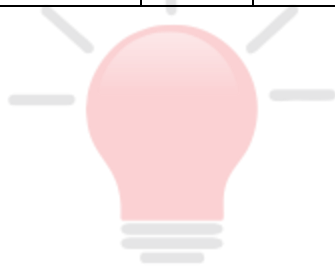
Case 1: Here, Box B is placed at 1st position and Box G (Indigo colored) is placed at 2nd position (Note: Box B and Box G are placed adjacent to each other). Given, Box D is not Violet colored. Hence this becomes invalid and it can be eliminated.

Case 2: Here, Box B is placed at 7th position and Box G (Indigo colored) is placed at 6th position (Note: Box B and Box G are placed adjacent to each other). Then, Box D is placed at 2nd position. As per statement, Box D must be the Red colored and Box B is Orange colored by this 4 boxes are placed between Red and Orange colored box (Note: More than 3 boxes are placed between Red and Orange colored box). Finally, Box A is Blue colored and we get the completed table as shown below.

Case 3: Here, Box B is placed at 5th position and Box G (Indigo colored) is placed at 4th position (Note: Box B and Box G are placed adjacent to each other). Given, Box D is not Violet colored. Therefore Box E is Violet colored and placed at 6th position. Given, Box E and Box B is not Red colored. Then Box A or Box D is Red colored (two possibilities). But in either of the possibility, we can't satisfy this condition i.e. More than 3 boxes are placed

between Red and Orange colored box. Hence this becomes invalid and it can be eliminated.

Case :1 [Eliminated] Box D is not Violet color			Case: 2			Case: 3 [Eliminated] More than 3 boxes between Red & Orange box		
Box Position	Box	Color	Box Position	Box	Color	Box Position	Box	Color
7	Box C	Yellow	7	Box B	Orange	7	Box C	Yellow
6	Box E	Red	6	Box G	Indigo	6	Box E	Violet
5	Box A		5	Box C	Yellow	5	Box B	Red
4	Box D	Violet	4	Box E	Violet	4	Box G	Indigo
3	Box F	Green	3	Box A	Blue	3	Box F	Green
2	Box G	Indigo	2	Box D	Red	2	Box D	
1	Box B		1	Box F	Green	1	Box A	



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Explanations:

1.

Following the common explanation, we get "None of these".

Box G-Indigo is placed immediately below Box B-Orange colored box.

Hence, option E is correct.

2.

Following the common explanation, we get "None of these".

All statements are false

Hence, option E is correct.

3.

Following the common explanation, we get "Red Colored box".

Red Colored box (Box D) is placed immediately above Green colored box (Box F)

Hence, option A is correct.

4.

Following the common explanation, we get "None".

Orange colored box (Box B) and Indigo colored box (Box G) are placed adjacent to each other.

Hence, option C is correct.

5.

Following the common explanation, we get "Both C and D".

Box G-Indigo color-6th position.

Hence, option E is correct.



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