Puzzle Test Exercise for IBPS PO Pre, IBPS SO Pre, IBPS Clerk, SBI PO Pre, SBI Clerk Exams

PUZZLE TEST SET NO. 115

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

There are six boxes from A to F are placed in a rack but not necessarily in the same order. The lowermost rack is numbered one and above is two and so on. Each of the boxes has different number of fruits among 11, 14, 18, 19, 22 and 26 but not necessarily in the same order. There are three boxes between Box A and Box B. Box B and Box A have number of fruits which is multiple of 11. Box F is placed immediately below Box B. The difference in the number of fruits in Box F and Box A is one less than the difference between the number of fruits of Box D and Box F. Box D is second from the top and has fruits in multiples of 9. Box C has prime number of fruits. Box E is placed two boxes above Box B. Box A is placed above Box B and Box A has less number of fruits than Box B.

1. Which box is placed immediately above Box C?

A. The box which has 22 fruits   B. The box which has 26 fruits

C. The box which has 14 fruits   D. The box which has 18 fruits

E. None of the above

2. What is the sum of fruits together in Box F and Box C?

A. 30   B. 32   C. 33

D. 37   E. None of the above

3. If Box S has 32 fruits and placed in seventh rack, then what is the difference between the fruits of Box S and Box E?

A. 6   B. 14   C. 13

D. 10   E. None of the above

4. Which Box has maximum number of fruits?

A. Box D   B. Box F   C. Box E

D. Box B   E. None of these.

5. What is the position of Box D?

A. Third from the bottom   B. second from the top

C. Forth from the bottom   D. Third from the top

E. None of these.

Correct answers:

1	2	3	4	5
1	2	3	4	5

Common Explanation

References:

Box D is second from the top.

There are three boxes between Box A and Box B.

Box A is placed above Box B.

Box E is placed two boxes above Box B.

Box F is placed immediately below Box B.

Inferences:

From above statements we get only one possibility as follows,

Box D is placed in 5th rack (given, 2nd from top).

Box A is placed in 6th rack and Box B is placed in 2nd rack (given, three boxes between Box A and Box B)

Box E is placed in 4th rack (given, one box above Box B)

Box F is placed in 1st rack (given, immediately below Box B)

Finally, Box C is placed in 3rd rack.

By using above information, we get the initial table as follows.

Box position	Boxes	Number of fruits
6	Box A	
5	Box D	
4	Box E	
3	Box C	
2	Box B	
1	Box F	

References:

Each of the boxes has different number of fruits among 11, 14, 18, 19, 22 and 26 but not necessarily in the same order.

Box B and Box A have number of fruits which is multiple of 11.

Box A has less number of fruits than Box B.

Box C has prime number of fruits.

Box D is second from the top and has fruits in multiples of 9.

The difference in the number of fruits in Box F and Box A is one less than the difference between the number of fruits of Box D and Box F.

Inferences:

From above statements,

Among given numbers, 11 and 22 are in multiple of 11.

Given Box A < Box B and both boxes have fruits in multiple of 11.

Therefore, Box B has 22 fruits and Box A has 11 fruits.

Box C has 19 fruits (only prime number left among given)

Box D has 18 fruits (only number in multiple of 9 among given)

Given, Difference (Box F and Box A) = [Difference (Box D and Box F)] – 1

The remaining numbers are 14 and 26. To satisfy above condition

Box F has 14 fruits i.e. Difference (Box F – Box A = 14 – 11 = 3) and Difference (Box D – Box F = 18 – 14 = 4)

Finally, Box E has 26 fruits. Thus we get the completed table as follows,

Box position	Boxes	Number of fruits
6	Box A	11
5	Box D	18
4	Box E	26
3	Box C	19
2	Box B	22
1	Box F	14

Explanations:

1.

The following common explanation, we get "Box E has 26 fruits and it is placed immediately above Box C".

Hence, option B is correct.

2.

The following common explanation, we get "33".

Box F-14 and Box C-19, Sum = 14 + 19 = 33

Hence, option C is correct.

3.

The following common explanation, we get "6".

Box E-26 and Box S-32, Difference, Box S-Box E=32-26=06

Hence option A is correct.

4.

In the following common explanation it is clear that Box E has maximum number of fruits.

Hence option C is correct.

5.

In the following common explanation it is clear that the position of Box E is second from the top or fifth form the bottom.

Hence, option B is correct.