

BOX Puzzles for IBPS RRB Prelims Exam



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BOX Puzzle

Directions (1-5): Study the following information carefully to answer the given question:

Eight boxes B, C, D, P, Q, R, S and T are placed one above another. Only three boxes are placed between box P and R. Box C is placed immediately below box Q. Two boxes are placed between C and D. Only one box is placed between box P and B who is above P. More than one box is placed between box B and S. Box D is placed above box S. Box T is neither placed at top nor below box S. Box R is not placed at the top.

1. Which of the following box is placed at top?

- (a) S
- (b) B
- (c) D
- (d) S
- (e) None of these

2. How many boxes are in between box Q and box S?

- (a) Three
- (b) Two
- (c) Four
- (d) More than four
- (e) None of these

3. Which of the following box is placed just above box T?

- (a) B
- (b) R
- (c) C
- (d) S
- (e) None of these

4. Which of the following box is placed at bottom?

- (a) T
- (b) R
- (c) C
- (d) S
- (e) None of these

BOX Puzzles for IBPS RRB Prelims Exam

5. Which of the following is true regarding P?

- (a) P is placed above B
- (b) P is at 2nd position from bottom
- (c) D is just below P
- (d) P is placed below B
- (e) None of these

Directions (6-10): Study the following information carefully to answer the given question:

Ten Boxes are placed one above the other in any particular order. Box number 1 is at the bottom and Box no 10 is at the top. Arrange them as per the information given here. There are four boxes kept between U and X. Box Y is placed at the top i.e. at box no. 10. There are two boxes between Box P and Box T. Box X is placed at odd number position. Box R is at 7th number position from bottom. Box S and Box T is kept in a place immediately above and immediately below Box R. Box Q is placed exactly between the box V and box X. One of the boxes placed is W.

6. Which box is placed at the fifth from bottom?

- (a) Box P
- (b) Box U
- (c) Box Q
- (d) Box T
- (e) None of these

7. Which of the following box are between S and Q?

- (a) Box R, T
- (b) Box X, Y
- (c) Box T, Q
- (d) Box P, W
- (e) Box P, V

8. Which of the following Box is placed at position no. 8?

- (a) Box Y
- (b) Box X
- (c) Box S

- (d) Box R
- (e) None of these

9. Which of the following Box is placed immediately below Box W?

- (a) Box P
- (b) Box U
- (c) Box Q
- (d) Box V
- (e) Box T

10. Which boxes are placed in the middle of the arrangement?

- (a) Box U and Box R
- (b) Box T and Box Q
- (c) Box E and Box F
- (d) Box V and Box W
- (e) Box Q and Box S

Directions (11-15): Study the information carefully and answer the questions given below.

Nine boxes are placed one above another in a stack. Five boxes are placed between L and M which is below L. Three boxes are placed between box N and O, which is placed above box M. There are four boxes are placed between box Q and box P, which is placed just above box L. More than two boxes are placed between box O and box R, which is placed just below box N. Less than Four boxes are placed between box S and box T, which is placed below box S.

11. Which of the following box is placed two box above box R?

- (a) N
- (b) S
- (c) Q
- (d) T
- (e) None of these

BOX Puzzles for IBPS RRB Prelims Exam

12. Which of the following box is placed fourth from bottom of the stack?

- (a) M
- (b) T
- (c) R
- (d) C
- (e) None of these

13. How Many boxes are placed between box L and Box T?

- (a) Four
- (b) Three
- (c) More than four
- (d) One
- (e) None

14. Which of the following statement is True about box N?

- (a) Box N is placed just above box S
- (b) Not more than two boxes are placed between box M and N
- (c) One box is placed between L and N
- (d) Less than three boxes are placed above box N
- (e) Both (b) and (d)

15. Which of the following box is placed just below box Q?

- (a) T
- (b) M
- (c) R
- (d) N
- (e) S

Direction (16-20): Read the given information carefully and answer the questions;

Six boxes G, H, I, J, K and L are placed one above another, also they are occupied with different items i.e. R, T, U, V, W and X (but not necessarily in the same order). G is placed either top or bottom, only 3 boxes are placed between G and J, which is occupied with V. Only

2 boxes are placed between J and L. Box K is not placed just above and below J. Box K is not placed just above the box which is occupied with R. The box which is placed just below H is occupied with T. The box which is placed at bottom occupied with W. Box which is occupied with X is placed somewhere between J and L.

16. Box I is occupied with which of the following item?

- (a) R
- (b) T
- (c) U
- (d) V
- (e) None of these

17. Which of the following box placed at top box?

- (a) K
- (b) H
- (c) J
- (d) I
- (e) L

18. How many boxes are placed between box H and box G?

- (a) One
- (b) Three
- (c) Two
- (d) More than three
- (e) None of these

19. Which of the following item is placed just above box L?

- (a) T
- (b) The box which is occupied with J
- (c) X
- (d) Both (b) and (c)
- (e) None of these

20. Box H is occupied with which of the following item?

BOX Puzzles for IBPS RRB Prelims Exam

- (a) T
- (b) X
- (c) U
- (d) W
- (e) None of these

Direction (21-25): Read the given information carefully and answer the questions

Eight boxes P, Q, R, S, T, U, V and W are arranged in top to bottom. Each box stores in different cities- Raipur, Indore, Bhopal, Pune, Mumbai, Delhi, Hyderabad, and Chennai, but not necessarily in the same order. Only two boxes kept between V and U. Both the box which is placed at Mumbai and Indore kept above R. Only one box kept between T and the box which stores at Hyderabad. The box Q is not stored at Raipur. The box U is stored at Bhopal and the box S is stored at Pune. Only four boxes kept between V and W which is below V. The box W is not stored at Indore. As many boxes between W and Q as between W and S. P kept immediate above the box placed at Delhi. Only three boxes kept between the box stores at Mumbai and Indore. Box S is not kept below box W.

21. T box stores at which city?

- (a) Delhi
- (b) Mumbai
- (c) Hyderabad
- (d) Raipur
- (e) None of these

22. Which of the following box is placed at top?

- (a) U
- (b) T
- (c) P
- (d) V
- (e) None of these

23. How many boxes are placed between P and the box which stores at Chennai?

- (a) One
- (b) Three
- (c) Two

- (d) More than three
- (e) None of these

24. Which of the following box stores at Raipur?

- (a) S
- (b) P
- (c) R
- (d) Q
- (e) None of these

25. How many box above W?

- (a) 1
- (b) 2
- (c) 3
- (d) 4
- (e) 5

Direction (26-30): Study the following information carefully to answer the given questions.

Seven boxes P, Q, R, S, T, U and V of different fruits viz. Apple, Orange, Guava, Mango, Litchi, Pineapple and Papaya are placed one above the other, but not necessarily in the same order. The box at bottom is numbered as 1, the above box is numbered as 2 and so on till topmost box is numbered as 7. Box U is placed immediately above box R. Less than three boxes are placed below the Apple box. Box T is placed below the box in which Apple fruits. The box which having mango fruit is placed immediately above box V. Box P is placed immediately above the box in which Pineapple fruit. Guava fruit box is placed above the box U. Only two boxes are placed between Guava box and Papaya box. The Orange box is not placed on the bottom. Box T is placed immediately above Box Q. There are three boxes are placed between the boxes in which Mango fruit and Apple fruit is placed. Box P is not placed on Mango fruit.

26. What is the fruit of box U?

- (a) Pineapple
- (b) Guava

BOX Puzzles for IBPS RRB Prelims Exam

- (c) Apple
- (d) Mango
- (e) None of these

27. Which of the following is Papaya box?

- (a) Q
- (b) T
- (c) R
- (d) U
- (e) None of these

28. Which of the following box is two boxes below V?

- (a) P
- (b) R
- (c) U
- (d) T
- (e) Q

29. Which of the following box placed at bottom?

- (a) U
- (b) R
- (c) T
- (d) Q
- (e) None of these

30. How many boxes are placed below box S?

- (a) Four
- (b) Two
- (c) None
- (d) Three
- (e) More than Five

Directions (31-35): Study the following information carefully and answer the questions below.

Nine boxes – J, K, L, M, N, O, P, Q and R are arranged one above another indifferent shelves numbered 1 to 9 from bottom to top. The lowermost shelf is numbered as 1 and the shelf above 1 is numbered as 2 and so on. All the information is not necessary to be in the same order. The shelf number and the sum of digit of place

value of the alphabet is not same in any shelves. (E.g. Place value of Box K in alphabet series is 11 and sum of digits of K is $1+1=2$; so box k is not placed in the shelf numbered 2). Box O is placed at one of the position above Box N in an even numbered position. Box M is two places below box N. Number of boxes below N is as same as the number of boxes above L. Box L is placed at one of the position above N. Four boxes are placed between Box P and R. Box K is placed below J but above Q. More than two boxes are placed between Box P and Box Q.

31. Which among the following box is adjacent to J?

- (a) L, K
- (b) K, R
- (c) L, O
- (d) Q, M
- (e) None of these

32. Which of following statement is true?

- (a) P is kept immediately above L.
- (b) Only two boxes between L and Q.
- (c) K is placed immediately above R
- (d) All of these.
- (e) None of these.

33. How many box are between Pand J?

- (a) 1
- (b) 3
- (c) 2
- (d) 4
- (e) 0

34. Which of the following box placed top and bottom respectively?

- (a) Q, M
- (b) L, J
- (c) K, N
- (d) P, M
- (e) P, O

BOX Puzzles for IBPS RRB Prelims Exam

35. Which of the following kept immediately above box K?

- (a) R
- (b) N
- (c) K
- (d) Q
- (e) None of these

Directions (36-40): Study the following information carefully and answer the questions given below:

Seven boxes P, Q, R, S, T, U and V are kept one above the other containing different number of ball ranging from 30- 80. Box U is below box S. Three boxes are kept between P and the box containing 43balls, which is kept above Box P. Box S contains twice number of balls than box Q. Box R contains 55numbers of balls and is not kept at the bottom. The number of balls in box V is a cube of a number. Only two boxes are kept between box containing 43balls and 37balls. Box S has more number of balls than box P. One of the boxes contains 76balls. Five boxes are kept between box containing 66balls and Box R. Box V is immediately below box T. Box S is not kept immediately below or above box Q. Three boxes are kept between box S and box U.

36. How many ball does box V has?

- (a) 55
- (b) 76
- (c) 43
- (d) 64
- (e) 37

37. How many balls are kept in box P?

- (a) 55
- (b) 64
- (c) 38
- (d) 37
- (e) 66

38. Which among the following boxes contains the maximum number of balls?

- (a) R
- (b) S
- (c) T
- (d) V
- (e) W

39. Which of the following combination is true?

- (a) R- 55
- (b) T- 76
- (c) Q- 37
- (d) P – 64
- (e) None of these

40. Which among the following boxes is kept immediately below box T?

- (a) Q
- (b) U
- (c) P
- (d) V
- (e) None of these

Directions (41-45): Study the information carefully and answer the questions given below.

Six boxes G, K, M, N, S and T are placed one above another in a stack. Each box has different height i.e. 18cm, 7cm, 45cm, 51cm, 14cm and 40cm. All information is not necessarily in same order. Box M has height that is odd number. Three box is placed between M and N and N's height is 40cm. The box whose height is prime number is placed just below Box N. Two boxes are place between box G and box S which is not placed below N. One box is placed between the box which height is 18cm and the box which height is 51cm. Two boxes is placed between the box which height is 18cm and the box which height is 45cm. Box K is placed below the box T, which isn't placed below box G. Box G height is not greater than 40cm. Sum of the heights of the boxes placed adjacent to Box K is more than 60cm.

41. Which of the following box height is 51cm?

- (a) S

BOX Puzzles for IBPS RRB Prelims Exam

- (b) N
- (c) T
- (d) M
- (e) K

42. How many boxes are placed above box G?

- (a) One
- (b) Three
- (c) None
- (d) Four
- (e) five

43. Which of the following box height is 7cm?

- (a) T
- (b) G
- (c) N
- (d) S
- (e) K

44. How many boxes have Height more than box G?

- (a) Two
- (b) One
- (c) Three
- (d) Four
- (e) None of these

45. What is the difference between the height of box G and the box which is just above box N?

- (a) 28
- (b) 7
- (c) 27
- (d) 4
- (e) None of these

Directions (46-50): Study the following information carefully and answer the given questions:

Seven boxes P, Q, R, S, A, B and C are placed one above other, but not necessarily in the same order. Each of them store different food items viz. Egg, Bread, Maggie, Meat, Chicken, Toast and Biscuit but not necessarily in

the same order.

Box B does not store Maggie. Box Q is not placed below box S. Box which store Egg is placed immediately above box P. There are two boxes placed between box S and the box which store Egg. Box which store Maggie is placed just above box S. Three boxes are placed between box R and the box which stores Maggie. The box which stores Biscuit is placed immediately above box R. The box which stores Meat is placed immediately above box C. Only two boxes is placed between box Q and box A. Box Q neither store Maggie nor Biscuit. Box A does not store Meat. Box which store Bread is placed above chicken. Two Box between the box which stores Bread and Chicken. Box R and Q do not have egg.

46. Which of the following food items stores by C?

- (a) Biscuit
- (b) Bread
- (c) Meat
- (d) Egg
- (e) Chicken

47. Which of the following Box contains Maggie?

- (a) Q
- (b) R
- (c) P
- (d) S
- (e) A

48. Which of the following pair of boxes are placed at top and bottom respectively?

- (a) C, Q
- (b) P, S
- (c) B, R
- (d) R, C
- (e) B, S

49. Which of the following combination is true?

- (a) Q – Meat

BOX Puzzles for IBPS RRB Prelims Exam

- (b) A – Bread
- (c) B - Toast
- (d) S- Chicken
- (e) A- Biscuit

50. How many boxes are placed below the box which contains Bread?

- (a) 2
- (b) 3
- (c) 4
- (d) 5
- (e) 1

Solution and Detailed Explanation

SOLUTION (1-5):

1. Only three boxes are placed between box P and R
2. Only one box is placed between box P and B who is above P
3. Box R is not placed at the top. (It means that minimum 1 box above R)

CASE 1 CASE 2

B	
P	R
	B
R	P

4. Box C is placed immediately below box Q.
5. Two boxes are placed between C and D.
6. Box D is placed above box S. (So we cannot place D at bottom)

CASE 1 CASE 2a CASE 2b

B	Q	
D	C	R
P		
Q	R	B
C	D	D
	B	P
R		Q
	P	C

CASE 2b was eliminated because we can not place D above S

7. More than one box is placed between box B and S.
8. Box D is placed above box S.
9. Box T is neither placed at Top nor below box S.

BOX Puzzles for IBPS RRB Prelims Exam

CASE 1 CASE 2 a

B	C
D	C
P	T
Q	R
C	D
T	B
R	S
S	P

**CASE 2a are
eliminated
because as per
condition 7**

1.b
2.a
3.c
4.d
5d

SOLUTION (6-10):

- Box Y is placed at the top i.e at box no. 10
- Box R is at 7th number position from bottom. Box S and Box T is kept in a place immediately above and immediately below Box R.

CASE 1 CASE 2

Box Position	BOXES	BOXES
10	Y	Y
9		
8	S	T
7	R	R
6	T	S
5		
4		
3		
2		
1		

- There are four boxes kept between U and X.
- There are two boxes between Box P and Box T.

CASE 1 CASE 2

Box Position	BOXES	BOXES
10	Y	Y
9	X	X
8	S	T
7	R	R
6	T	S
5		P
4	U	U
3	P	
2		
1		

**In case 1 we can not
place P above T because
we can place U and X**

- Box Q is placed exactly between the box V and box X.

BOX Puzzles for IBPS RRB Prelims Exam

CASE 1 CASE 2

Box Position	BOXES	BOXES
10	Y	Y
9	X	X
8	S	T
7	R	R
6	T	S
5	Q	P
4	U	U
3	P	
2		
1	V	

Here we can not place Q exactly between V and X so CASE 2 was

FINAL ARRANGEMENT

CASE 1

Box Position	BOXES
10	Y
9	X
8	S
7	R
6	T
5	Q
4	U
3	P
2	W
1	V

6.c

7.a

8.c

9.d

10.b

SOLUTION (11-15):

- Five boxes are placed between L and M which is below L.
- There are four boxes are placed between box Q and box P, which is placed just above box L.

CASE 1	CASE 2
P	
L	P
	L
Q	
	Q
M	
	M

- Three boxes are placed between box N and O, which is placed above box M.
- More than two boxes are placed between box O and box R, which is placed just below box N.

BOX Puzzles for IBPS RRB Prelims Exam

CASE 1	CASE 2	CASE 2
	a	b
P		O
L	P	P
N	L	L
R	N	
	R	N
Q		R
O	Q	Q
M	O	
	M	M

Here CASE1 AND CASE 2a was eliminated as per condition number 4

5. Less than three boxes are placed between box S and box T, which is placed below box S.

CASE 2
b
O
P
L
S
N
R
Q
T
M

FINAL ARRANGEMENT

CASE 2
b
O
P
L
S
N
R
Q
T
M

11.b

12.c

13.a

14.c

15.a

SOLUTION (16-20):

- G is placed either top or bottom.
- Only 3 boxes are placed between G and J, which is occupied with V.
- The box which is placed at bottom occupied with W

CASE 1			CASE 2	
Box No.	Person	Items	Person	Items
6			G	
5	J	V		
4				
3				
2			J	V
1	G	W		W

4. Only 2 boxes are placed between J and L.

BOX Puzzles for IBPS RRB Prelims Exam

5. Box K is not placed just above and below J.

CASE 1			CASE 2	
Box No.	Person	Items	Person	Items
6			G	
5	J	V	L	
4			K	
3	K			
2	L		J	V
1	G	W		W

6. The box which is placed just below H is occupied with T.
 7. Box which is occupied with X is placed somewhere between J and L.
 8. The box which is placed just below H is occupied with T

CASE 1			CASE 2	
Box No.	Person	Items	Person	Items
6			G	
5	J	V	L	
4	H	X	K	
3	K	T		
2	L		J	V
1	G	W		W

CASE 2 was eliminated because we cannot place H

9. Box K is not placed just above the box which is occupied with R.

CASE 1

Box No.	Person	Items
6	I	R
5	J	V
4	H	X
3	K	T
2	L	U
1	G	W

FINAL ARRANGEMENTS

CASE 1

Box No.	Person	Items
6	I	R
5	J	V
4	H	X
3	K	T
2	L	U
1	G	W

16.a

17.d

18.c

19.a

20.b

SOLUTION (21-25):

- Only four boxes kept between V and W which is below V.
- As many boxes between W and Q as between W and S.
- Only two boxes kept between V and U.

BOX Puzzles for IBPS RRB Prelims Exam

CASE 1			CASE 2	
Box No.	BOXES	Stores	BOXES	Stores
8	V			
7			V	
6				
5	U			
4	S		U	
3	W		S	
2	Q		W	
1			Q	

- The box U is stores at Bhopal and the box S is stores at Pune
- Only one box kept between T and the box which stores at Hyderabad.
- Both the box which is placed at Mumbai and Indore kept above R.
- P kept immediate above the box placed at Delhi.

CASE 1			CASE 2	
Box No.	BOXES	Stores	BOXES	Stores
8	V	Hyderabad		
7	P		V	
6	T	Delhi		
5	U	Bhopal		
4	S	Pune	U	Bhopal
3	W		S	Pune
2	Q		W	
1	R		Q	

Here CASE 2 was eliminated because we can not place R above U as per condition number 6. aslo in case 1 we can only place R at bottom

- Only three boxes kept between the box stores at Mumbai and Indore.
- The box W is not stores at Indore.
- The box Q is not stores at Raipur

CASE 1		
Box No.	BOXES	Stores
8	V	Hyderabad
7	P	Indore
6	T	Delhi
5	U	Bhopal
4	S	Pune
3	W	Mumbai
2	Q	
1	R	Raipur

Final Arrangement

CASE 1		
Box No.	BOXES	Stores
8	V	Hyderabad
7	P	Indore
6	T	Delhi
5	U	Bhopal
4	S	Pune
3	W	Mumbai
2	Q	Chennai
1	R	Raipur

21.a

22.d

23.d

24.c

25.e

BOX Puzzles for IBPS RRB Prelims Exam

SOLUTION (26-30):

- Less than three boxes are placed below the Apple box.
- Box T is placed below the box in which Apple fruits.
- Box T is placed immediately above Box Q.
- There are three boxes are placed between the boxes in which Mango fruit and Apple fruit is placed.

CASE 1			CASE 2	
Box No.	BOXES	FRUITS	BOXES	FRUITS
7				Mango
6				
5				
4				
3				Apple
2		Apple	T	
1	T		Q	

CASE 1 is not possible because we can not place Q

- The box which having mango fruit is placed immediately above box V.
- Guava fruit box is placed above the box U.
- Only two boxes are placed between Guava box and Papaya box
- Box U is placed immediately above box R.

CASE 2		
Box No.	BOXES	FRUITS
7		Mango
6	V	
5		Guava
4	U	
3	R	Apple
2	T	Papaya
1	Q	

Here we can not place R at any other place

- Box P is not placed on Mango fruit.
- Box P is placed immediately above the box in which Pineapple fruit.
- The Orange box is not placed on the bottom.

CASE 2

Box No.	BOXES	FRUITS
7	S	Mango
6	V	Orange
5	P	Guava
4	U	Pineapple
3	R	Apple
2	T	Papaya
1	Q	

FINAL ARRANGEMENT

CASE 2

Box No.	BOXES	FRUITS
7	S	Mango
6	V	Orange
5	P	Guava
4	U	Pineapple
3	R	Apple
2	T	Papaya
1	Q	Litchi

26.a

27.b

28.c

29.d

30.e

BOX Puzzles for IBPS RRB Prelims Exam

SOLUTION (31-35):

- Box O is placed at one of the position above Box N in an even numbered position.
- Box M is two places below box N.

We can not place O at 2 because we can not place N below O. also shelf 6 is not possible because digit sum of O is 6 as per instruction it will not palced

we can not place N at box number 5 because its digit sum is 5. also we can place M at box number 4 because its place value digit sum is 4

	CASE 1	CASE 2	CASE 3	CASE 4
Self No.	BOXES	BOXES	BOXES	BOXES
9				
8		O	O	O
7				N
6				
5				M
4	O		N	
3	N	N		
2			M	
1	M	M		

- Number of boxes below N is as same as the number of boxes above L.
- Box L is placed at one of the position above N.

	CASE 1	CASE 2	CASE 3	CASE 4
Self No.	BOXES	BOXES	BOXES	BOXES
9				
8		O	O	O
7	L	L		N
6			L	
5				M
4	O		N	
3	N	N		
2			M	
1	M	M		

CASE 4 elemianted because we can not place L above N

- Four boxes are placed between Box P and R.

	CASE 1	CASE 2	CASE 3
Self No.	BOXES	BOXES	BOXES
9		P/Q	
8		O	O
7	L	L	
6			L
5			
4	O	P/Q	N
3	N	N	
2			M
1	M	M	

CASE 1 and 3 elemianted because we can not place P and Q

- Box K is placed below J but above Q.
- More than two boxes are placed between Box P and Box Q.

BOX Puzzles for IBPS RRB Prelims Exam

CASE 2

Self No.	BOXES
9	P
8	O
7	L
6	J
5	K
4	R
3	N
2	Q
1	M

FINAL ARRANGEMENTS

CASE 2

Self No.	BOXES
9	P
8	O
7	L
6	J
5	K
4	R
3	N
2	Q
1	M

31.a

32.c

33.c

34.d

35.e

SOLUTION (36-40):

- Five boxes are kept between box containing 66 balls and Box R.

- Box R contains 55 numbers of balls and is not kept at the bottom.
- Three boxes are kept between P and the box containing 43 balls, which is kept above Box P.

CASE 1

CASE 2

Box No.	BOXES	No. of Balls	BOXES	No. of Balls
7	R	55	R	55
6				43
5		43		
4				
3				
2			P	
1	P	66		66

- Only two boxes are kept between box containing 43 balls and 37 balls
- Three boxes are kept between box S and box U
- Box S is above box U

CASE 1

CASE 2

Box No.	BOXES	No. of Balls	BOXES	No. of Balls
7	R	55	R	55
6	S			43
5		43	S	
4				
3				37
2	U	37	P	
1	P	66	U	66

- Box V is immediately below box T.
- Box S is not kept immediately below or above box Q
- The number of balls in box V is a cube of a number

BOX Puzzles for IBPS RRB Prelims Exam

CASE 1			CASE 2	
Box No.	BOXES	No. of Balls	BOXES	No. of Balls
7	R	55	R	55
6	S			43
5	T	43	S	
4	V	64	T	
3	Q		V	37
2	U	37	P	
1	P	66	U	66

CASE 2 was eliminated as V is cube of any number and possible number for V is only 64

- Box S has more number of balls than box P.
- One of the boxes contains 76 balls.
- Box S contains twice number of balls than box Q.

CASE 1		
Box No.	BOXES	No. of Balls
7	R	55
6	S	76
5	T	43
4	V	64
3	Q	38
2	U	37
1	P	66

FINAL ARRANGEMENT

CASE 1		
Box No.	BOXES	No. of Balls
7	R	55
6	S	76
5	T	43
4	V	64
3	Q	38
2	U	37
1	P	66

36.d

37.e

38.b

39.a

40.d

SOLUTION (31-35):

- Three box is placed between M and N and N's height is 40cm
- The box whose height is prime number is placed just below Box N
- Two boxes are place between box G and box S which is not placed below N

CASE 1			CASE 2	
Box No.	BOXES	Height	BOXES	Height
6	M		S	
5			N	40
4	S			7
3			G	
2	N	40		
1	G	7	M	

BOX Puzzles for IBPS RRB Prelims Exam

- Box K is placed below the box T, which isn't placed below box G.
- One box is placed between the box which height is 18cm and the box which height is 51cm.
- Two boxes are placed between the box which height is 18cm and the box which height is 45cm.
- Box G height is not greater than 40cm.

Case-1			Case-2		
Box Number	Boxes	Height	Box Number	Boxes	Height
6	M	45cm	6	S	45cm
5	T	51cm	5	N	40cm
4	S	14cm	4	T	7cm
3	K	18cm	3	G	18cm
2	N	40cm	2	K	14cm
1	G	7cm	1	M	51cm

- Sum of the heights of the boxes placed adjacent to Box K is more than 60cm.

With this condition (8) case-1 gets eliminated.

FINAL ARRANGEMENT

CASE 2

Box No.	BOXES	Height
6	S	45
5	N	40
4	T	7
3	G	18
2	K	14
1	M	51

- d
- b
- a
- c

45.c

SOLUTION (46-50):

- Three boxes are placed between box R and the box which stores Maggie.
- The box which stores Biscuit is placed immediately above box R.
- There are two boxes placed between box S and the box which store Egg.
- Box which store Maggie is placed just above box S.

CASE 1

CASE 2

Box No.	BOXES	Stores	BOXES	Stores
7		Biscuit		Maggie
6	R		S	
5				
4		Egg		Biscuit
3			R	Egg
2		Maggie		
1	S			

- Box which store Egg is placed immediately above box P.
- Box P does not store Bread
- Box which store Bread is not placed at the bottom.
- Two Box between the one who stores Bread and Chicken.

CASE 1

CASE 2

Box No.	BOXES	Stores	BOXES	Stores
7		Biscuit		Maggie
6	R	Bread	S	
5				Bread
4		Egg		Biscuit
3	P	Chicken	R	Egg
2		Maggie	P	Chicken
1	S			

- Only two boxes are placed between box Q and box A
- Box Q neither store Maggie nor Biscuit.

BOX Puzzles for IBPS RRB Prelims Exam

11. The box which stores Meat is placed immediately above box C.

CASE 1			CASE 2	
Box No.	BOXES	Stores	BOXES	Stores
7		Biscuit		Maggie
6	R	Bread	S	Meat
5	Q	Meat	C	Bread
4	C	Egg	A	Biscuit
3	P	Chicken	R	Egg
2	A	Maggie	P	Chicken
1	S	Toast	Q	Toast

12. Box B does not store Maggie.

CASE 1			CASE 2	
Box No.	BOXES	Stores	BOXES	Stores
7	B	Biscuit		Maggie
6	R	Bread	S	Meat
5	Q	Meat	C	Bread
4	C	Egg	A	Biscuit
3	P	Chicken	R	Egg
2	A	Maggie	P	Chicken
1	S	Toast	Q	Toast

Here CASE 2 was eliminated because we can not place B at box 7

FINAL ARRANGEMENTS

CASE 1		
Box No.	BOXES	Stores
7	B	Biscuit
6	R	Bread
5	Q	Meat
4	C	Egg
3	P	Chicken
2	A	Maggie
1	S	Toast

46.d

47.e

48.e

49.a

50.d

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Page 19 of 20

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