



Puzzle Questions for RRB Group-D PDF

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Instructions

P,Q,R,S,T are comparing their weights. Q is lighter than only S. R is not the lightest. P is heavier than R but lighter than Q. The weight of heaviest person is 84 kg. The weight of 2nd lightest person is 46 kg.

Question 1

What can be the possible weight of T?

- A 48 kg
- B 57 kg
- C 42 kg
- D 82 kg

Answer: C

Explanation:

Arranging P,Q,R,S,T in descending order of their weights.

Q is lighter than only S.

S Q _ _ _

R is not the lightest. P is heavier than R but lighter than Q.

S Q P R T

Given, Weight of heaviest person (S) = 84 kg

Weight of 2nd lightest person (R) = 46 kg

As, $R > T$, Possible weight of T from the given options = 42 kg

Question 2

What can be the possible weight of P?

- A 52 kg
- B 44 kg
- C 87 kg
- D 38 kg

Answer: A

Explanation:

Arranging P,Q,R,S,T in descending order of their weights.

Q is lighter than only S.

S Q _ _ _

R is not the lightest. P is heavier than R but lighter than Q.

S Q P R T

Given, Weight of heaviest person (S) = 84 kg

Weight of 2nd lightest person (R) = 46 kg

As $S > P > R$, Possible weight of P from the given options = 52 kg

Question 3

What can be the possible weight of Q?

- A 72 kg
- B 86 kg
- C 42 kg

D 39 kg

Answer: A

Explanation:

Arranging P,Q,R,S,T in descending order of their weights.

Q is lighter than only S.

S Q _ _ _

R is not the lightest. P is heavier than R but lighter than Q.

S Q P R T

Given, Weight of heaviest person (S) = 84 kg

Weight of 2nd lightest person (R) = 46 kg

As $S > Q > R$, Possible weight of Q from the given options = 72 kg

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Instructions

A,B,C,D and E are living in a building of 5 floors numbered 1-5 not necessarily in the same order. D lives immediately above E. C lives immediately below B. E and C live on even numbered floors. A doesn't live immediately below E.

Question 4

Who lives on top floor?

A D

B B

C A

D E

Answer: A

Explanation:

D lives immediately above E. C lives immediately below B. E and C live on even numbered floors. Here, there will be two possibilities. A lives in the remaining floor i.e., 1st floor.

(1)

5	B
4	C
3	D
2	E
1	A

(2)

5	D
4	E
3	B
2	C
1	A

A doesn't live immediately below E. In possibility 1, A lives immediately below E. Hence, it can be eliminated.

5	D
4	E
3	B
2	C
1	A

Hence, the final arrangement is as shown above.

Here, D lives on top floor.

Question 5

Who lives on 3rd floor?

A D

B C

C B

D E

Answer: C

Explanation:

D lives immediately above E. C lives immediately below B. E and C live on even numbered floors. Here, there will be two possibilities. A lives in the remaining floor i.e., 1st floor.

(1)

5	B
4	C
3	D
2	E
1	A

(2)

5	D
4	E
3	B
2	C
1	A

A doesn't live immediately below E. In possibility 1, A lives immediately below E. Hence, it can be eliminated.

5	D
4	E
3	B
2	C
1	A

Hence, the final arrangement is as shown above.

Here, B lives on 3rd floor.

Question 6

Who lives on 1st floor?

- A D
- B C
- C A
- D E

Answer: C

Explanation:

D lives immediately above E. C lives immediately below B. E and C live on even numbered floors. Here, there will be two possibilities. A lives in the remaining floor i.e., 1st floor.

(1)

5	B
4	C
3	D
2	E
1	A

(2)

5	D
4	E
3	B
2	C
1	A

A doesn't live immediately below E. In possibility 1, A lives immediately below E. Hence, it can be eliminated.

5	D
4	E
3	B
2	C
1	A

Hence, the final arrangement is as shown above.

Here, A lives on 1st floor.

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Instructions

5 friends A,B,C,D and E are comparing their heights. C is taller than only one person. E is neither the tallest nor the shortest. There are 2 persons who are taller than A. B is not the tallest.

Question 7

Who is the tallest person?

- A B
- B A

C C

D D

Answer: D

Explanation:

Arranging A,B,C,D,E in descending order of their heights.

C is taller than only one person.

____ C ____

There are 2 persons who are taller than A.

____ A C ____

E is neither the tallest nor the shortest.

__ E A C __

B is not the tallest.

D E A C B

Here, D is the tallest person.

Question 8

Who is 2nd tallest person?

A D

B E

C C

D B

Answer: B

Explanation:

Arranging A,B,C,D,E in descending order of their heights.

C is taller than only one person.

____ C ____

There are 2 persons who are taller than A.

____ A C ____

E is neither the tallest nor the shortest.

__ E A C __

B is not the tallest.

D E A C B

Here, E is 2nd tallest person.

Question 9

Who is the shortest person?

A B

B E

C D

D C

Answer: A

Explanation:

Arranging A,B,C,D,E in descending order of their heights.

C is taller than only one person.

___ C ___

There are 2 persons who are taller than A.

___ A C ___

E is neither the tallest nor the shortest.

___ E A C ___

B is not the tallest.

D E A C B

Here, B is the shortest person.

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Instructions

5 friends A,B,C,D and E are living in 5 different floors numbered 1-5 not necessarily in the same order. The number of persons living above C is 2 less than the number of persons living below C. E lives on second floor. D doesn't live on top floor. B lives below A. C doesn't live immediately below or immediately above D.

Question 10

Who lives immediately above C?

A A

B B

C C

D D

Answer: A

Explanation:

The number of persons living above C is 2 less than the number of persons living below C.

⇒ C lives on 4th floor so that number of persons living above C is 1 and number of persons living below C is 3.

5	
4	C
3	
2	
1	

E lives on 2nd floor.

5	
4	C
3	
2	E
1	

D doesn't live on top floor. Here, there will be two possibilities.

(1)

5	
4	C
3	D
2	E
1	

(2)

5	
4	C
3	
2	E
1	D

B lives below A.

(1)

5	A
4	C
3	D
2	E
1	B

(2)

5	A
4	C
3	B
2	E
1	D

C doesn't live below or above D. In possibility 1, C lives immediately above D. Hence, it can be eliminated.

5	A
4	C
3	B
2	E
1	D

Hence, the final arrangement is as shown above.

Here, A lives immediately above C.

Question 11

Who lives on lowest floor?

A B

B C

C A

D D

Answer: D

Explanation:

The number of persons living above C is 2 less than the number of persons living below C.

⇒ C lives on 4th floor so that number of persons living above C is 1 and number of persons living below C is 3.

5	
4	C
3	
2	
1	

E lives on 2nd floor.

5	
4	C
3	
2	E
1	

D doesn't live on top floor. Here, there will be two possibilities.

(1)

5	
4	C
3	D
2	E
1	

B lives below A.

(2)

5	
4	C
3	
2	E
1	D

(1)

5	A
4	C
3	D
2	E
1	B

(2)

5	A
4	C
3	B
2	E
1	D

C doesn't live below or above D. In possibility 1, C lives immediately above D. Hence, it can be eliminated.

5	A
4	C
3	B
2	E
1	D

Hence, the final arrangement is as shown above.

Here, D lives on lowest floor i.e., 1st floor.

Question 12

Who lives on 3rd floor?

A D

B C

C B

D A

Answer: C

Explanation:

The number of persons living above C is 2 less than the number of persons living below C.

⇒ C lives on 4th floor so that number of persons living above C is 1 and number of persons living below C is 3.

5	
4	C
3	
2	
1	

E lives on 2nd floor.

5	
4	C
3	
2	E
1	

D doesn't live on top floor. Here, there will be two possibilities.

(1)

5	
4	C
3	D
2	E
1	

(2)

5	
4	C
3	
2	E
1	D

B lives below A.

(1)

5	A
4	C
3	D
2	E
1	B

(2)

5	A
4	C
3	B
2	E
1	D

C doesn't live below or above D. In possibility 1, C lives immediately above D. Hence, it can be eliminated.

5	A
4	C
3	B
2	E
1	D

Hence, the final arrangement is as shown above.

Here, B lives on 3rd floor.

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Instructions

J,K,L,M,N live in a 5 floor building numbered 1-5 not necessarily in the same order. The number of people living above

L is same as the number of people living below M. L lives above M. L doesn't live on the top floor. J lives on an odd numbered floor above M. No one live below N. K doesn't live on the top floor.

Question 13

Who lives on the 2nd floor?

- A L
- B M
- C J
- D K

Answer: B

Explanation:

The number of people living above L is same as the number of people living below M. L doesn't live on the top floor.

5	
4	L
3	
2	M
1	

J lives on an odd numbered floor above M. Here, there will be two possibilities.

(1)

5	J
4	L
3	
2	M
1	

(2)

5	
4	L
3	J
2	M
1	

No one live below N.. Hence, N lives on lowest floor.

(1)

5	J
4	L
3	K
2	M
1	N

(2)

5	K
4	L
3	J
2	M
1	N

K doesn't live on the top floor. In possibility 2, K lives on top most floor. Hence, it can be eliminated.

5	J
4	L
3	K
2	M
1	N

Hence, the final arrangement is as shown above.

Hence, M lives on 2nd floor.

Question 14

Who lives on 3rd floor?

A L

B M

C J

D K

Answer: D

Explanation:

The number of people living above L is same as the number of people living below M. L lives above M. L doesn't live on the top floor.

5	
4	L
3	
2	M
1	

J lives on an odd numbered floor above M. Here, there will be two possibilities.

(1)

5	J
4	L
3	
2	M
1	

(2)

5	
4	L
3	J
2	M
1	

No one live below N.. Hence, N lives on lowest floor.

(1)

5	J
4	L
3	K
2	M
1	N

(2)

5	K
4	L
3	J
2	M
1	N

K doesn't live on the top floor. In possibility 2, K lives on top most floor. Hence, it can be eliminated.

5	J
4	L
3	K
2	M
1	N

Hence, the final arrangement is as shown above.

Hence, K lives on 3rd floor.

Question 15

Who lives above K but below J?

- A M
- B L
- C N
- D Can't be determined

Answer: B

Explanation:

The number of people living above L is same as the number of people living below M. L lives above M. L doesn't live on the top floor.

5	
4	L
3	
2	M
1	

J lives on an odd numbered floor above M. Here, there will be two possibilities.

(1)

5	J
4	L
3	
2	M
1	

(2)

5	
4	L
3	J
2	M
1	

No one live below N.. Hence, N lives on lowest floor.

(1)

5	J
4	L
3	K
2	M
1	N

(2)

5	K
4	L
3	J
2	M
1	N

K doesn't live on the top floor. In possibility 2, K lives on top most floor. Hence, it can be eliminated.

5	J
4	L
3	K
2	M
1	N

Hence, the final arrangement is as shown above.

Hence, L lives above K but below J.

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