

Banking Daily Quiz Blog - September 20



1. **Direction : Study the following information carefully and answer the question given below:**

There are seven people A, B, C, D, E, F, G are living in a 7 floor Building on different floors from top to bottom (such as ground floor is numbered as 1 and top floor is numbered as 7) but not necessarily in the same order. G lives on one of the odd numbered floor above D but not on top floor. F lives immediately before C, who lives in bottom most floor. A lives on an odd numbered floor but not on the floor numbered 3. B lives on immediately below A. Only one person lives between B and E and they lives on even numbered floor. G lives above E.

A. **Who lives immediately above G?**

- A

B
- B

A
- C

E
- D

D
- E

C

Solution

G lives on one of the odd numbered floor above D but not on top floor.
Only three persons lives between C and G. So, there are two cases :

Floor	CASE1	CASE2
7	C	
6		
5		G
4		
3	G	
2		
1		C

F lives immediately before C. There is no floor empty for F in CASE1 so CASE1 is cancelled out.

A lives on an odd numbered floor but not on the floor numbered 3. B lives on immediately below A. Only one person lives between B and E and they lives on even numbered floor.

Hence, final arrangement :

Floor	CASE2
7	A
6	B
5	G
4	E
3	D
2	F
1	C

B. What is the difference between the floor number of A and C?

A

One

B

Three

C

Six

D

Two

E

None of these

Solution

G lives on one of the odd numbered floor above D but not on top floor.

Only three persons lives between C and G. So, there are two cases :

Floor	CASE1	CASE2
7	C	
6		
5		G
4		
3	G	
2		
1		C

F lives immediately before C. There is no floor empty for F in CASE1 so CASE1 is cancelled out.

A lives on an odd numbered floor but not on the floor numbered 3. B lives on immediately below A. Only one person lives between B and E and they lives on even numbered floor.

Hence, final arrangement :

Floor	CASE2
7	A
6	B
5	G
4	E
3	D
2	F
1	C

C. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which is the one that does not belong to that group?

A G

B A

C E

D D



C

Solution

G lives on one of the odd numbered floor above D but not on top floor.

Only three persons lives between C and G. So, there are two cases :

Floor	CASE1	CASE2
7	C	
6		
5		G
4		
3	G	
2		
1		C

F lives immediately before C. There is no floor empty for F in CASE1 so CASE1 is cancelled out.

A lives on an odd numbered floor but not on the floor numbered 3. B lives on immediately below A. Only one person lives between B and E and they lives on even numbered floor.

Hence, final arrangement :

Floor	CASE2
7	A
6	B
5	G
4	E
3	D
2	F
1	C

D. Who among the following live immediately below C?



D



A



G



B



None of these

Solution

G lives on one of the odd numbered floor above D but not on top floor.
Only three persons lives between C and G. So, there are two cases :

Floor	CASE1	CASE2
7	C	
6		
5		G
4		
3	G	
2		
1		C

F lives immediately before C. There is no floor empty for F in CASE1 so CASE1 is cancelled out.

A lives on an odd numbered floor but not on the floor numbered 3. B lives on immediately below A. Only one person lives between B and E and they lives on even numbered floor.

Hence, final arrangement :

Floor	CASE2
7	A
6	B
5	G
4	E
3	D
2	F
1	C

E. Who among the following live on the even floor?

I. F

II. B

III. C



Only I



Only II



Only I and II



Only II and III



Only III

Solution

G lives on one of the odd numbered floor above D but not on top floor.
Only three persons lives between C and G. So, there are two cases :

Floor	CASE1	CASE2
7	C	
6		
5		G
4		
3	G	
2		
1		C

F lives immediately before C. There is no floor empty for F in CASE1 so CASE1 is cancelled out.

A lives on an odd numbered floor but not on the floor numbered 3. B lives on immediately below A. Only one person lives between B and E and they lives on even numbered floor.

Hence, final arrangement :

Floor	CASE2
7	A
6	B
5	G
4	E
3	D
2	F
1	C

Directions: In the following questions assuming the given statements to be True, find which of the conclusion among given conclusions is / are definitely true and then give your answers accordingly.

2. **Statements:** $T \geq M = K < B = G < P \geq V > L; X > Z > T$

Conclusions

I. $X > P$

II. $P \geq T$

A Only II is True

B Only I is True

C Both I and II are True

D Either I or II is True

E None is true

Solution

Given statements: $T \geq M = K < B = G < P \geq V > L; X > Z > T$

On combining: $X > Z > T \geq M = K < B = G < P \geq V > L$

Conclusions:

I. $X > P \rightarrow \text{False}$ (as $X > Z > T \geq M = K < B = G < P$)

II. $P \geq T \rightarrow \text{False}$ (as $T \geq M = K < B = G < P$)

Hence, none is true.

Directions: In this question, relationship between different elements is shown in the statements. These statements are followed by two conclusions.

3. **Statements:** $B \leq D$, $K < U > M$, $D = K$, $G \geq H = B$

Conclusions:

I. $U > D$

II. $D < M$

A

Only Conclusion I is true

B

Only Conclusion II is true

C

Either Conclusion I or II is true

D

Neither Conclusion I nor II is true

E

Both Conclusion I and II are true

Solution

On combining, the General Statement is: $-G \geq H = B \leq D = K < U > M$

I. $U > D \Rightarrow$ It is definitely true.

II. $D < M \Rightarrow$ It is definitely not true as there is no direct relationship given for D & M.

Hence, only conclusion I follows the statements.

Directions: In this question, relationship between different elements is shown in the statements. These statements are followed by two conclusions.

4. **Statements:** $Y > S = X, E = F, E \geq Q > X$

Conclusions:

I. $X < F$

II. $Y > X$

A Only Conclusion I is true

B Only Conclusion II is true

C Either Conclusion I or II is true

D Neither Conclusion I nor II is true

E Both Conclusion I and II are true

Solution

On combining we get, $Y > S = X < Q \leq E = F$

I. $X < F \Rightarrow$ It is definitely true.

II. $Y > X \Rightarrow$ It is definitely true.

Hence, both the conclusions I & II follow.

Directions: In this question, relationship between different elements is shown in the statements. These statements are followed by two conclusions.

5. **Statements:** $U > P$, $L < M$, $P \leq L$

Conclusions:

I. $U < L$

II. $P < M$

A Only conclusion I is true.

B Only conclusion II is true.

C Either conclusion I or conclusion II is true.

D Neither conclusion I nor conclusion II is true.

E Both conclusions I and conclusion II are true.

Solution

Given statements: $U > P$, $L < M$, $P \leq L$

Combined statement: $U > P \leq L < M$

Conclusions:

I. $U < L \rightarrow$ According to statement $U > P \leq L \rightarrow$ thus clear relationship between U and L cannot be established. Hence false.

II. $P < M \rightarrow$ According to statement $P \leq L < M \rightarrow P < M \rightarrow$ hence true.

Direction:In the following question assuming the given statements to be True, find which of the conclusion among given conclusions is/are definitely true and then give your answers accordingly.

6. **Statements:** $M > Q \geq T$; $K < T \geq P$; $V < S \leq K$

Conclusions:

I. $M > V$

II. $P \geq Q$

A

Only II is True

B

Neither I nor II is true

C

Both I and II are True

D

Either I or II is True

E

Only I is True

Solution

Given statements: $B > G$; $E = O < G$; $E \geq F$; $X \geq G$

On combining: $B > G > O = E \geq F$; $X \geq G > O = E$; $B > G \leq X$

Conclusions:

I. $X > B \rightarrow \text{False}$ (as $B > G \leq X$ thus clear relation between X and B cannot be determined)

II. $B > F \rightarrow \text{True}$ (as $B > G > O = E \geq F \rightarrow B > F$)

Hence, only II is True.

