

Quiz Date: 1<sup>st</sup> April 2020

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

M, N, O, P, Y, R and S are seven friends live on seven different floors of a building, lower most floor of the building is numbered as 1, and topmost floor is numbered as 7, Also they belong to different countries i.e. Poland, Australia, India, Hawaii, Mongolia, China, and Malaysia (not necessarily in the same order).

Y lives on an even numbered floor. Two people live between Y and R, who doesn't belong to Australia. The one who lives just above Y belongs to Hawaii. The one, who belongs to Poland, lives on an even numbered floor. Only one person lives between the ones who belong to Hawaii and P. R doesn't live on 7<sup>th</sup> floor. The one who is from Hawaii is not N and neither lives on 1<sup>st</sup> and topmost floor. S belongs to India and lives just above N, who doesn't live on 2<sup>nd</sup> floor. O belongs to Mongolia. The one, who belongs to China, lives on an even numbered floor below N. M doesn't live below O's floor.

Q1. Who among the following belongs to Australia?

- (a) O
- (b) N
- (c) M
- (d) P
- (e) None of these

Q2. Which of the following combinations is true with respect to the given arrangement?

- (a) Malaysia – O
- (b) China– R
- (c) Poland – S
- (d) Australia – P
- (e) None of these

Q3. N belongs to which country?

- (a) Australia
- (b) Hawaii
- (c) Poland
- (d) Mongolia
- (e) India

Q4. Which of the following statements is true with respect to the given arrangement?

- (a) M belongs to China
- (b) Y lives on 3<sup>rd</sup> floor
- (c) R belongs to Malaysia
- (d) Only one people lives above S
- (e) None of these

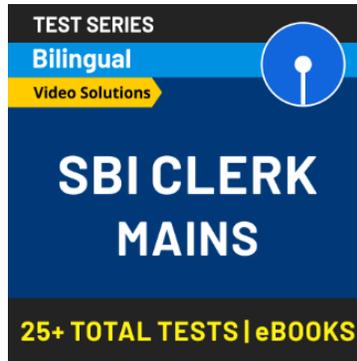
Q5. Who amongst the following lives on the floor numbered 2?

- (a) M
- (b) S

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- (c) None of these  
 (d) N  
 (e) The one, who belongs to Mongolia



Directions (6-10): **Each of the question below consists of a question and two statements numbered I, and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question.**

Q6. Who is tallest among five friends P, Q, R, S and T?

I. S is taller than R but just shorter than T.

II. T is shorter than P and Q is shorter than T.

- (a) If statements I is sufficient to answer the question, but statement II by itself is not sufficient to answer the question.  
 (b) If statement II by itself is sufficient to answer the question, but statement I alone is not sufficient to answer the question.  
 (c) If statement either I or II is sufficient to answer the question.  
 (d) If both the statements I and II taken together are not sufficient to answer the question.  
 (e) If both the statements I and II taken together are sufficient to answer the question.

Q7. How is K related to M?

I. M is Q's father's only sister.

II. N is mother K who is the daughter of O.

- (a) If statements I is sufficient to answer the question, but statement II by itself is not sufficient to answer the question.  
 (b) If statement II by itself is sufficient to answer the question, but statement I alone is not sufficient to answer the question.  
 (c) If statement either I or II is sufficient to answer the question.  
 (d) If both the statements I and II taken together are not sufficient to answer the question.  
 (e) If both the statements I and II taken together are sufficient to answer the question.

Q8. By using which statements, we can conclude "All hacking are theft".

I. All hacking are security. No security is password. All security are theft.

II. All hacking are security. Some password are security. No password are theft.

- (a) If statements I is sufficient to answer the question, but statement II by itself is not sufficient to answer the question.

- (b) If statement II by itself is sufficient to answer the question, but statement I alone is not sufficient to answer the question.
- (c) If statement either I or II is sufficient to answer the question.
- (d) If both the statements I and II taken together are not sufficient to answer the question.
- (e) If both the statements I and II taken together are sufficient to answer the question.

Q9. How is 'some' written in a code language?

I. 'some might procedure' is written as 'xm nu zx' and 'might would fight' is written as 'zx iz' in that code language.

II. 'some iconic procedure' is written as 'xm nu zm' in that code language.

- (a) If statement I is sufficient to answer the question, but statement II by itself is not sufficient to answer the question.
- (b) If statement II by itself is sufficient to answer the question, but statement I alone is not sufficient to answer the question.
- (c) If statement either I or II is sufficient to answer the question.
- (d) If both the statements I and II taken together are not sufficient to answer the question.
- (e) If both the statements I and II taken together are sufficient to answer the question.

Q10. Point P is towards which direction from point Q?

I. Z is in south of Q and west of S, which is in north of M.

II. M is south of S and west of P.

- (a) If statement I is sufficient to answer the question, but statement II by itself is not sufficient to answer the question.
- (b) If statement II by itself is sufficient to answer the question, but statement I alone is not sufficient to answer the question.
- (c) If statement either I or II is sufficient to answer the question.
- (d) If both the statements I and II taken together are not sufficient to answer the question.
- (e) If both the statements I and II taken together are sufficient to answer the question.

Directions (11-15): **In the following questions, the symbols @, ©, %, \$ and # are used the following meaning as illustrated below:**

'A©B' means 'A is smaller than B'.

'A@B' means 'A is either smaller than or equal to B'.

'A%B' means 'A is greater than B'.

'A \$ B' means 'A is either greater than or equal to B'.

'A#B' means 'A is equal to B'.

Now in each of these questions assuming the given statements to be true, find which of the two conclusions I and II given below them is/are definitely true? Give answer

Q11. Statements:

A # B © T # M % F # G

Conclusions:

I. A © F

II. B \$ G

- (a) if only Conclusion I is true.
- (b) if only Conclusion II is true.

- (c) if either Conclusions I or II is true.  
(d) if neither Conclusions I nor II is true.  
(e) if both Conclusions I and II are true.

Q12. Statements:

M # R \$ S % T \$ K @ L

Conclusions:

I. M % T

II. L \$ S

- (a) if only Conclusion I is true.  
(b) if only Conclusion II is true.  
(c) if either Conclusions I or II is true.  
(d) if neither Conclusions I nor II is true.  
(e) if both Conclusions I and II are true.

Q13. Statements:

W © D @ C @ E © H # N

Conclusions:

I. N \$ D

II. W © N

- (a) if only Conclusion I is true.  
(b) if only Conclusion II is true.  
(c) if either Conclusions I or II is true.  
(d) if neither Conclusions I nor II is true.  
(e) if both Conclusions I and II are true.

Q14. Statements:

W @ D © E \$ R # S © K

Conclusions:

I. R # W

II. R % W

- (a) if only Conclusion I is true.  
(b) if only Conclusion II is true.  
(c) if either Conclusions I or II is true.  
(d) if neither Conclusions I nor II is true.  
(e) if both Conclusions I and II are true.

Q15. Statements:

F \$ J # K % U \$ V © N

Conclusions:

I. N \$ J

II. N © K

- (a) if only Conclusion I is true.  
(b) if only Conclusion II is true.  
(c) if either Conclusions I or II is true.  
(d) if neither Conclusions I nor II is true.

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(e) if both Conclusions I and II are true.



### Solutions

**Solutions (1-5):**

**Sol.**

Floor	People	City
7	S	India
6	N	Poland
5	M	Hawaii
4	Y	China
3	P	Australia
2	O	Mongolia
1	R	Malaysia

S1. Ans.(d)

S2. Ans.(d)

S3. Ans.(c)

S4. Ans.(c)

S5. Ans.(e)

**Solutions (6-10):**

S6. Ans.(e)

Sol. Using both statements together, P is the tallest person.

From Statement I-  $T > S > R$

From statement II-  $P > T > Q$

From both statements-  $P > T > S > R > Q > R > Q$

S7. Ans.(d)

S8. Ans.(a)

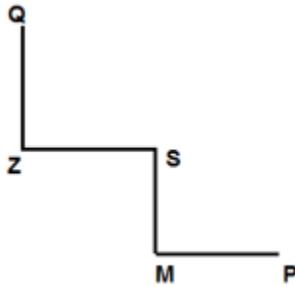
S9. Ans.(d)

Sol. From statement I- code of 'some' may be xm/nu.

From statement II- we cannot find exact code of 'some'.

S10. Ans.(e)

Sol. From both the statements we can find that P is in south-east of Q.



### Solutions (11-15):

Symbol	Meaning
©	<
@	≤
%	>
\$	≥
#	=

S11. Ans.(c)

Sol.  $A = B < T = M > F = G$

I.  $A © F$  (False)

II.  $B \$ G$  (False)

S12. Ans.(a)

Sol.  $M = R ≥ S > T ≥ K ≤ L$

I.  $M \% T$  (True)

II.  $L \$ S$  (False)

S13. Ans.(b)

Sol.  $W < D ≤ C ≤ E < H = N$

I.  $N \$ D$  (False)

II.  $W © N$  (True)

S14. Ans.(d)

Sol.  $W ≤ D < E ≥ R = S < K$

I.  $R \# W$  (False)

II.  $R \% W$  (False)

S15. Ans.(c)

Sol.  $F ≥ J = K > U ≥ V < N$

I.  $N \$ J$  (False)

II.  $N © K$  (False)

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