

Quiz Date: 17<sup>th</sup> July 2020

**Directions (1-5): Read the following passage carefully and answers the questions given below it—**

Eight friends A, B, C, D, E, F, G and H like different fruits – Banana, Guava, Cherry, Apple, Orange, Grapes, Mango and Watermelon. All of them are seated around a square table (two on each side) facing the center.

C sits third to the right of B. B likes Cherry. G is sitting second to the left of F. F is not an immediate neighbor of C and B. The one who likes Banana is an immediate neighbor of F. Three people sit between B and the person who likes Grapes. B, C and also their immediate neighbours do not like Apple. Only one person sits between the person who likes Apple and D. The persons who like Orange and Watermelon are immediate neighbor of each other and sit on the same side. C likes neither Watermelon nor Orange. Only one person sits between A and the person who likes Guava. A does not like Apple and Orange. E does not like Apple.

Q1. Which of the following is true regarding G?

- (a) G likes Guava
- (b) H and D are immediate neighbors of G
- (c) One person sits between G and the person who likes Watermelon
- (d) G sits second to the right of A
- (e) None of these

Q2. Who amongst the following does like Orange?

- (a) C
- (b) G
- (c) D
- (d) E
- (e) Cannot be determined

Q3. How many persons sit between H and the person who likes Watermelon, when counted from the left-hand side of the person who likes Watermelon?

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

Q4. Which of the following is true?

- (a) Only one person is sitting between the person who likes Watermelon and Mango.
- (b) H likes Apple.
- (c) The person who likes Orange is an immediate neighbor of B.
- (d) One person sits between B and the person who likes Apple.
- (e) None is true

Q5. Who amongst the following represent immediate neighbors of D?

- (a) A, E
- (b) F and the person who likes Apple
- (c) B and the person who likes Mango
- (d) F, G
- (e) A, H

**Directions (6-10):** In each question some statements are followed by some conclusions. You have to take the given statements to be true and then decide which of the conclusions logically follow from the give statements, disregarding the commonly known facts. Given answer-

**Q6. Statements:** Some apples are mangoes.  
Some Mangoes are oranges.  
No oranges is apples

**Conclusions:**

- I. Some mangoes that are oranges are apples.
- II. Some apple that are mangoes are oranges.
- (a) If only conclusion I follows.
- (b) If only conclusion II follows.
- (c) If either conclusion I or II follows.
- (d) If neither conclusion I nor II follows.
- (e) If both conclusion I and II follow.

**Q7. Statements:** Some birds are animals.  
All animals are black.  
No black is a white.  
Some white are birds.

**Conclusions:**

- I. Some birds which are black are not white.
- II. All animals which are black are necessarily birds.
- (a) If only conclusion I follows.
- (b) If only conclusion II follows.
- (c) If either conclusion I or II follows.
- (d) If neither conclusion I nor II follows.
- (e) If both conclusion I and II follow.

**Q8. Statements:** All scooters are buses.  
All bikes are buses.  
Some buses are trains.

**Conclusions:**

- I. All buses are either bikes or scooters.
- II. Some scooters are train is a possibility.
- (a) If only conclusion I follows.
- (b) If only conclusion II follows.
- (c) If either conclusion I or II follows.
- (d) If neither conclusion I nor II follows.
- (e) If both conclusion I and II follow.

**Q9. Statements:** All apples which are red are tasty.  
Most red are apples.  
Some balls are red.  
Most apples are balls.

**Conclusions:**

- I. Some red are tasty.
- II. Some apples are neither red nor ball.

- (a) If only conclusion I follows.
- (b) If only conclusion II follows.
- (c) If either conclusion I or II follows.
- (d) If neither conclusion I nor II follows.
- (e) If both conclusion I and II follow.

**Q10. Statements:** All cups are plates.  
Some plates are bowls.

**Conclusions:**

- I. Some bowls if they are cups, are also plates.
  - II. All bowls which are not plates are also not cups.
- (a) If only conclusion I follows.
  - (b) If only conclusion II follows.
  - (c) If either conclusion I or II follows.
  - (d) If neither conclusion I nor II follows.
  - (e) If both conclusion I and II follow.

**Directions (11- 13): Study the following information and answer the questions given below:**

Z, X, W, T, U and Y are six students studying in a class. Each of them has a different height and weight. The tallest is not the heaviest. U is taller than only Z but lighter than W. X is taller than T and Z and heavier than only U and Y. Z is lighter than only T. U is heavier than Y. T is taller than Y and X is not the tallest.

Q11. How many of them are heavier than U?

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

Q12. How many of them are shorter than X?

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

Q13. Who among them is tallest?

- (a) Y
- (b) Z
- (c) U
- (d) W
- (e) None of these

**Directions (14-15): Study the following series carefully and answer the questions.**

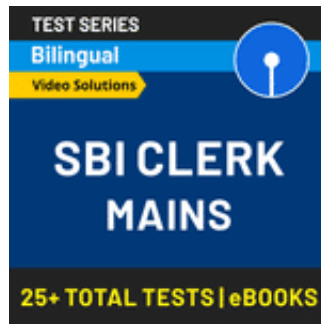
D is the mother of K and spouse of H. L who is son of H, is married to P. P and S are siblings and D has one grandchild J. K is unmarried.

Q14. What is the relation of K with respect to J?

- (a) Mother
- (b) Aunt
- (c) Brother
- (d) Uncle
- (e) Either (b) or (d)

Q15. How L is related to S?

- (a) Mother-in-law
- (b) Sister-in-law
- (c) Brother-in-law
- (d) Grandfather
- (e) None of these



Solutions

**Solutions (1-5):**

**Sol.**

| Box | Books |
|-----|-------|
| H   | 49    |
| A   | 16    |
| E   | 23    |
| C   | 81    |
| D   | 38    |
| G   | 15    |
| B   | 75    |
| F   | 19    |

- S1. Ans.(c)
- S2. Ans.(d)
- S3. Ans.(b)
- S4. Ans.(b)
- S5. Ans.(a)

**Solutions (6-10):**

Sol. According to the given input, one word and one number are arranged in each step.

**For words-** words are arranged in alphabetical order from right end, but in vowels in each word replace its opposite letter in the alphabetical series.

**For numbers-** First prime number is arranged in descending order than non-prime numbers are arranged in descending order from left end.

**Input: 47 quiz boot 36 camp 89 paper 58 75**

Step I: 89 47 quiz 36 camp paper 58 75 bltt

Step II: 47 89 quiz 36 paper 58 75 bltt czmp

Step III: 75 47 89 quiz 36 58 bltt czmp pzpvr

Step IV: 58 75 47 89 36 bltt czmp pzpvr qfrz

Step V: 36 58 75 47 89 bltt czmp pzpvr qfrz

S6. Ans.(c)

S7. Ans.(b)

S8. Ans.(d)

S9. Ans.(b)

S10. Ans.(b)

S11. Ans.(c)

Sol. UPON

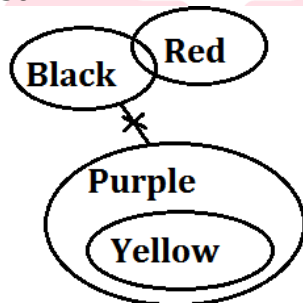
S12. Ans.(b)

Sol. Original Number- 527184639

Obtained Number- **446278568**

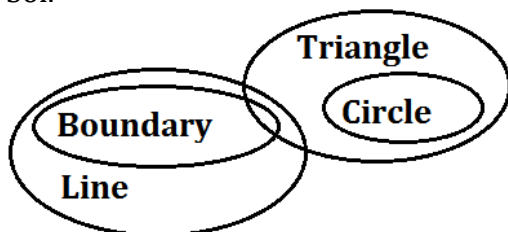
S13. Ans.(d)

Sol.



S14. Ans.(d)

Sol.

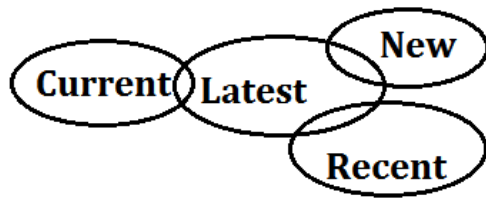


S15. Ans.(c)

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Sol.



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