

Quiz Date: 28th May 2020

Direction (1-5): Study the following information carefully and answer the given questions:

Eight persons A, B, C, D, E, F, G, and H are seated in a row, some of them are facing towards north direction and some of them are facing towards south direction also they like different brands i.e. Levi's, H&M, Wrangler, Arrow, Biba, Febindia, Allen Solly, and Zara (not necessarily in same order).

The one who likes Allen Solly brand sits fourth to the left D. A, sits second to the right of G. The one who likes Zara sits third to the left of H, who doesn't face north. G doesn't like Arrow. Only one person sits to the left of the one who likes Arrow. The one who likes Arrow sits second to the right of the one who sits second to the left of G. F sits third to the left of the one who likes H&M. D sits second to the left of C, who is not an immediate neighbour of G. C faces same direction as G faces. A doesn't like H&M. The one who likes Wrangler is an immediate neighbour of G. B is an immediate neighbour of F. The one who likes Febindia sits sixth to the right of E. A and B face same direction as F faces.

Q1. Who among the following likes Allen Solly brand?

- (a) C
- (b) H
- (c) A
- (d) B
- (e) None of these

Q2. Who among the following sits immediate right of the one who likes Zara brand?

- (a) H
- (b) F
- (c) C
- (d) B
- (e) None of these

Q3. Who among the following likes Biba brand?

- (a) A
- (b) C
- (c) G
- (d) Either (b) or (c)
- (e) None of these

Q4. Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?

- (a) A
- (b) B
- (c) C

- (d) F
- (e) D

Q5. Who among the following sits second to the right of the one who likes Arrow brand?

- (a) A
- (b) F
- (c) G
- (d) H
- (e) None of these

Directions (6-8): Each of these questions is based on the following information:

- (i) A % B means A is the father of B.
- (ii) A @ B means B is the brother of A.
- (iii) A \$ B means B is the sister of A.
- (iv) A * B means A is the son of B.

Q6. If the expression 'A%B@C*D\$E' is true, then which of the following is definitely true?

- (a) B is nephew of E
- (b) C is daughter of A
- (c) B is son of D
- (d) E is sister-in-law of A
- (e) D is brother of A

Q7. Which of the following expression shows 'N is sister in law of L'?

- (a) L\$M\$O@N@K
- (b) M\$N@O%K*L
- (c) O%M*L\$N@K
- (d) M\$N\$O@K@L
- (e) None of these

Q8. If the expression 'E*G@F%H\$D' is true, then which of the following is not true?

- (a) D is niece of G
- (b) E is cousin of D
- (c) D is nephew of G
- (d) F is father of H
- (e) All are true

Directions (9-10): Study the following information carefully and answer the given questions:

There are seven members in a family of three generation. G is a daughter-in-law of F. C is the father of A. C is a brother of E, who is a sister-in-law of G. B is the son of D, who is a grandfather of A. B is unmarried. G has no sibling.

Q9. Who among the following Uncle of A?

- (a) F

- (b)C
- (c)B
- (d)E
- (e)None of these

Q10. What is relation of G with respect to E?

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

Directions (11-15): Study the following information carefully and answer the given questions. A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of an input and its rearrangement.

Input :51 watch 11 Pretty 21 New 10 Lord 41

Step I: Lord watch 11 Pretty 21 New 10 41 51

Step II: Lord New watch 11 Pretty 10 21 41 51

Step III: Lord New Pretty watch 10 11 21 41 51

Step IV: Lord New Pretty watch 1 4 9 25 36

Step IV is the last step of the above input. As per the rules followed in the above steps find the appropriate step for the given input.

Input: Zapak 13 hit 15 vision 16 Far 22 kilo 18 yard 12

Q11. What is the position of 'vision' in Step III?

- (a) Sixth from the left
- (b) Fifth from the right
- (c) Fourth from the left
- (d) Sixth from the right
- (e) None of these

Q12. Which of the following would be at the 7th position from the right in Step V?

- (a) zapak
- (b) yard
- (c) 13
- (d) 15
- (e) None of these

Q13. How many steps will be required to complete the arrangement of the above input?

- (a) Four
- (b) Five
- (c) Six

- (d) Seven
(e) None of these

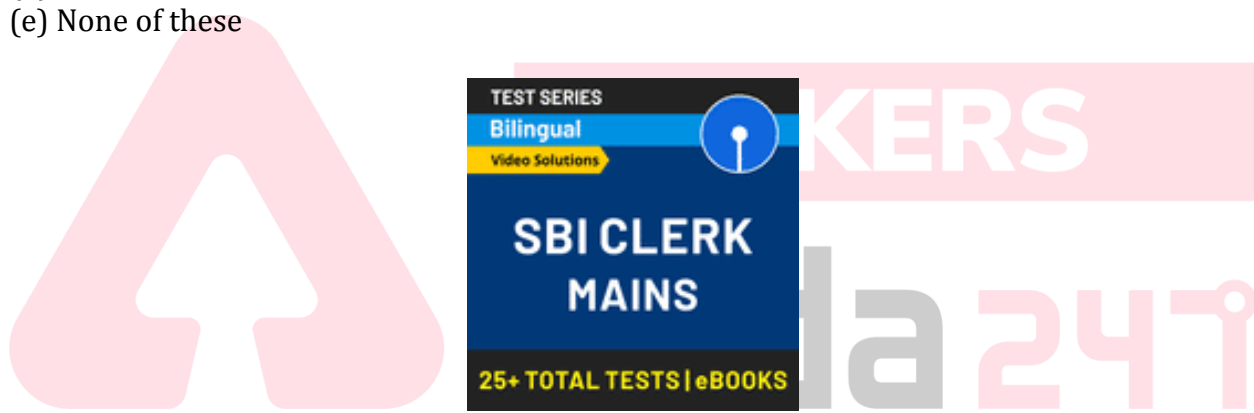
Q14. Which step number would be the following output? `Far hit kilo vision yard zapak 12 13 15 16 18 22'

- (a) III
(b) IV
(c) VI
(d) V
(e) None of these

Q15. If Step III of an input is as given below, what will be the input?

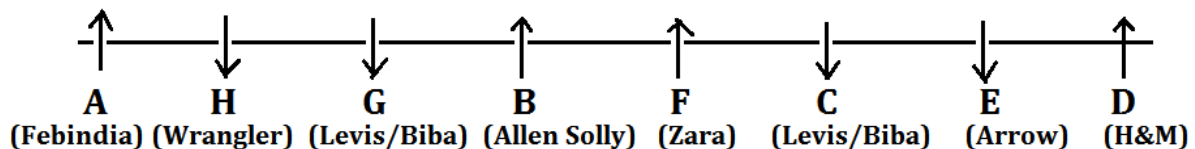
`Lord cute junk 15 18 punch gun 23 28 35'

- (a) Lord cute 15 18 cute punch gun 35 28 23
(b) 35 Lord cute 15 18 punch gun 23 28 junk
(c) cute junk Lord 15 18 punch gun 23 28 35
(d) Can't be determined
(e) None of these



Solutions

Solutions (1-5):

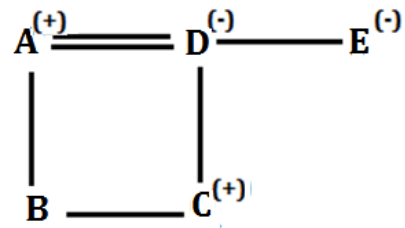


- S1. Ans.(d)
S2. Ans.(c)
S3. Ans.(d)
S4. Ans.(c)
S5. Ans.(b)

Solutions (6-8):

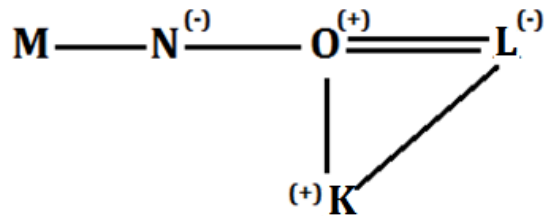
S6. Ans.(d)

Sol.



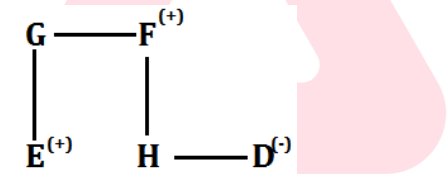
S7. Ans.(b)

Sol.

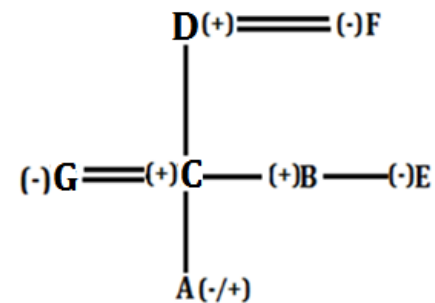


S8. Ans.(c)

Sol.



Solution (9-10):



S9. Ans.(c)

S10. Ans.(d)

Direction (11-15):

Sol. Students let us understand the Logic behind this Question and let's understand how to solve it. As a first step let's first understand the logic behind the Output. If you will see the final output you will observe the following: The machine arranges the words and the numbers in each step. As for words,

(a) The words are arranged in alphabetical order from left to right

(b) The numbers are arranged in descending order from right to left.

(c) However after arranging all the numbers, square of the sum of both the digits of the number is written in last step.

Input: Zapak 13 hit 15 vision 16 Far 22 kilo 18 yard 12.

Step I: Far zapak 13 hit 15 vision 16 kilo 18 yard 12 22

Step II: Far hit zapak 13 15 vision 16 kilo yard 12 18 22

Step III: Far hit kilo zapak 13 15 vision yard 12 16 18 22

Step IV: Far hit kilo vision zapak 13 yard 12 15 16 18 22

Step V: Far hit kilo vision yard zapak 12 13 15 16 18 22

Step VI: Far hit kilo vision yard zapak 9 16 36 49 81 16.

S11. Ans.(d)

S12. Ans.(a)

S13. Ans.(c)

S14. Ans.(d)

S15. Ans.(d)

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