

REASONING QUIZ

Directions (1-5): Study the given information carefully to answer the given questions:

Eight persons, J, K, L, M, N, O, P, and Q are sitting around a circular table facing the centre with equal distances between each other (but not necessarily in the same order). Each one of them is also related to N in some way or the other.

K sits third to the left of N. Only one person sits between N and Q. N's sister sits to the immediate right of Q. Only two persons sit between N's sister and N's mother. J sits to the immediate right of N's mother. P sits immediate right of M. N's brother sits third to the right of P. N's wife sits second to the left of N's brother. Only three persons sit between N's wife and L. N's son sits second to the right of N's father. Only two persons sit between N's father and N's daughter. O sits opposite to N.

Q1. Who amongst the following is the son of N?

- (a) M
- (b) P
- (c) K
- (d) O
- (e) Q

Q2. How many persons sit between N and K, when counted from the left of K?

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

Q3. Who sits to the immediate right of Q?

- (a) N's sister
- (b) N
- (c) N's wife
- (d) K
- (e) J

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

- (a) N is an immediate neighbour of his father.
- (b) P sits to the immediate left of J.
- (c) N's mother sits to the immediate left of N.
- (d) M is the mother-in-law of Q.
- (e) All the given options are true

Q5. How is J related to K?

- (a) Sister
- (b) Uncle
- (c) Father
- (d) Sister-in-law
- (e) Daughter

Directions (6-10): Study the following information carefully to 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 input and rearrangement.

Input: say to 12 by 29 all 71 same 53 81 above 61

Step I: above say to by 29 all 71 same 53 81 61 12

Step II: above same say to by all 71 53 81 61 12 29

Step III: above same say all to by 71 81 61 12 29 53

Step IV: above same say all to by 71 81 12 29 53 61

Step V: above same say all to by 81 12 29 53 61 71

Step VI: above same say all to by 12 29 53 61 71 81

Step VI is the last step of the above input. Now, the following questions are based on the given input.

Input: toy 18 till 24 36 is of never 87 99 cut 73

Q6. Which of the following will be the penultimate step?

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

Q7. What will be the position of 'is' in the last but one step?

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

Q8. Which word/number would be the fourth from the right end in Step IV?

- (a) cut
- (b) 18
- (c) 24
- (d) 99
- (e) 73

Q9. How many steps will be required to give the final output?

- (a) Five
- (b) Four
- (c) Six
- (d) Seven
- (e) Eight

Q10. Which step would give the following output: 'never till toy cut is of 87 99 73 18 24 36'?

- (a) Step IV
- (b) Step III
- (c) Step II
- (d) Step V
- (e) There will be no such step

Directions (11-15): In these questions, relationships between elements is shown in the statements. These statements are followed by two conclusions. Give answer

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

Q11. Statements: $G \leq F = L \leq J$; $J \leq K = H$

Conclusions: I. $H = G$ II. $G < H$

Q12. Statements: $P < R < S < T > U$

Conclusions: I. $U < R$ II. $T > P$

Q13. Statements: $T > U \geq V \geq W$; $X < Y = W > Z$

Conclusions: I. $Z > U$ II. $W < T$

Q14. Statements: $K < L < M < N$; $M < O < P$

Conclusions: I. $P > K$ II. $N > O$

Q15. Statements: $B < A < C$; $A > D \leq E$

Conclusions: I. $B \leq E$ II. $C > E$

ANSWERS

1. E

2. C

3. A

4. B

5. D

6. B

7. C

8. B

9. C

10. B

11. C

12. B

13. B

14. A

15. D

