

Quiz Date: 8th June 2020

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

Seven persons are live different floors of the same building having seven floors, ground floor is numbered 1 and the topmost floor is numbered 7. Each one of them was born in a different month of the same year starting from March to September but not necessarily in the same order. B lives on an even numbered floor and born in the month which has even number of days. Only two persons live in between B and the youngest person. M is the oldest person and lives immediate above O. Only one person lives in between the one who was born in May and July who lives on an odd numbered floor. The one who was born in September does not live on first floor. A is younger than N and lives on an odd number floor above B. C is younger than B but older than O. D is the third youngest person and lives above the third oldest person. N lives immediate above C. O was born in the month which has even numbers of days and younger than B.

Q1. Who among the following lives on 5th Floor?

- (a) A
- (b) D
- (c) The one who was born in June
- (d) N
- (e) The one who was born in April

Q2. How many persons live below the one who was born in July?

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

Q3. Who among the following lives immediate above M?

- (a) D
- (b) A
- (c) N
- (d) B
- (e) C

Q4. The one who lives on 2nd floor was born in which of the following month?

- (a) March
- (b) June
- (c) May
- (d) August
- (e) July

Q5. C lives on which of the following floor?

- (a) 2nd
- (b) 4th

- (c) 6th
- (d) 3rd
- (e) 1st

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

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

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

- (a) G is mother of F
- (b) E is niece of D
- (c) F is brother of A
- (d) E is nephew of F
- (e) A is brother of D

Q7. If the expression 'P \$ Q % R @ S % T' is true, then which of the following is not true?

- (a) P is father of Q
- (b) R is daughter of T
- (c) S is sister-in-law of P
- (d) Q is niece of T
- (e) R is mother of Q

Q8. Which of the following expression shows 'L is father of M'?

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

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

- 'Q + R' means 'Q is father of R'
- 'Q ÷ R' means 'R is brother of Q'
- 'Q × R' means 'Q is husband of R'
- 'Q - R' means 'Q is sister of R'

Q9. In the expression $Q + R \times P - S \div T$, how is S related to R?

- (a) Brother-in-law
- (b) Sister-in-law
- (c) Nephew
- (d) Brother
- (e) Can't be determined

Q10. In the expression $Q + R - S + T \div M$, how is M related to Q?

- (a) Son

- (b) Daughter
- (c) Grandson
- (d) Can't be determined
- (e) None of these

Directions (11-15): 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 victory following a particular rule in each step. The following is an illustration of input and rearrangement.

Input: 42 Abate fade 64 6 king 9 victory pickup 81 turtle 8 really 4 loyalty

Step I: Abate 4 42 fade 64 6 king 9 victory pickup 81 turtle 8 really loyalty

Step II: Abate 4 fade 6 42 64 king 9 victory pickup 81 turtle 8 really loyalty

Step III: Abate 4 fade 6 king 9 42 64 victory pickup 81 turtle 8 really loyalty

Step IV: Abate 4 fade 6 king 9 loyalty 8 42 64 victory pickup 81 turtle really

Step V: Abate 4 fade 6 king 9 loyalty 8 pickup 64 42 victory 81 turtle really

Step VI: Abate 4 fade 6 king 9 loyalty 8 pickup 64 really 42 victory 81 turtle

Step VII: Abate 4 fade 6 king 9 loyalty 8 pickup 64 really 42 turtle 81 victory

And step VII is the last step of the above input: as the desired arrangement is obtained. As per rules followed in the above steps, find out in each of the following questions the appropriate step for the given input.

Input: neon 17 silent 625 human 15 196 Prior 25 River 256 3 Level 20 west

Q11. How many steps will be required to complete the rearrangement?

- (a) Six
- (b) Seven
- (c) Eight
- (d) Five
- (e) None of these

Q12. Which of the following will be Step IV?

- (a) human 25 Level 3 neon 196 Prior 15 River 256 17 silent 625 20 west
- (b) human 25 Level 3 neon 196 Prior 15 17 silent 625 River 256 20 west
- (c) human 25 Level 3 neon 196 17 silent 625 15 Prior River 256 20 west
- (d) human 25 Level 3 neon 196 Prior 15 silent 17 625 River 256 20 west
- (e) None of these

Q13. Which of the following steps would be the last but one?

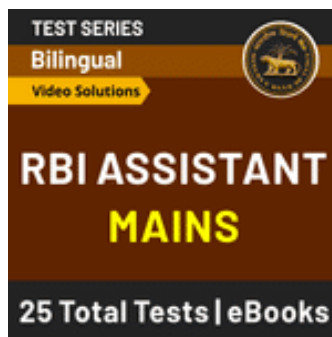
- (a) Step V
- (b) Step VI
- (c) Step IV
- (d) Step VII
- (e) None of these

Q14. If in Step III 'human' is related to 'neon' and '25' is related to '196' in certain way, following the same way 'Level' is related to which of the following?

- (a) 17
- (b) neon
- (c) silent
- (d) 15
- (e) None of these

Q15. What is the position of 'silent' in Step IV?

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



Solutions

Solutions (1-5):

Sol.

Floor	Person	Month
7	A	September
6	M	March
5	O	June
4	B	April
3	D	July
2	N	August
1	C	May

S1. Ans.(c)

S2. Ans.(c)

S3. Ans.(b)

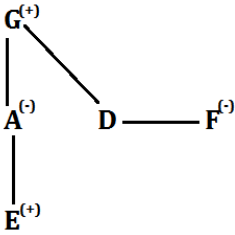
S4. Ans.(d)

S5. Ans.(e)

Solution (6-8):

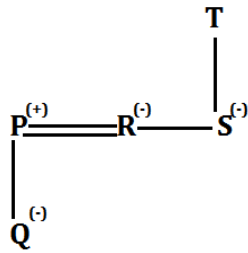
S6. Ans.(d)

Sol.



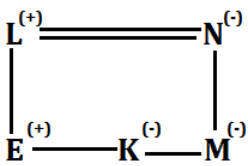
S7. Ans.(d)

Sol.



S8. Ans.(b)

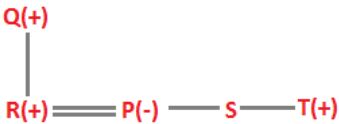
Sol.



Solutions (9-10):

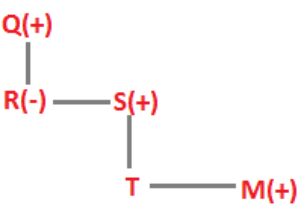
S9. Ans.(e)

Sol.



S10. Ans. (c)

Sol.



Solutions (11-15):

Sol. The machine rearranges one word and one number in each step. The words are arranged in alphabetical order while in case of numbers, perfect square and Non-perfect Square come in each alternate step in ascending order.

Input: neon 17 silent 625 human 15 196 Prior 25 River 256 3 Level 20 west

Step I: human 25 neon 17 silent 625 15 196 Prior River 256 3 Level 20 west

Step II: human 25 Level 3 neon 17 silent 625 15 196 Prior River 256 20 west



Step III: human 25 Level 3 neon 196 17 silent 625 15 Prior River 256 20 west

Step IV: human 25 Level 3 neon 196 Prior 15 17 silent 625 River 256 20 west

Step V: human 25 Level 3 neon 196 Prior 15 River 256 17 silent 625 20 west

Step VI: human 25 Level 3 neon 196 Prior 15 River 256 silent 17 625 20 west

Step VII: human 25 Level 3 neon 196 Prior 15 River 256 silent 17 west 625 20

S11. Ans.(b)

S12. Ans.(b)

S13. Ans.(b)

S14. Ans.(a)

S15. Ans.(b)



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