Quiz Date: 14 ${ }^{\text {th }}$ April 2020

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

There are six employees of a company and all of them are working on six different designation of a company viz. CMD, MD, CEO, COO, SE, JE. All the designations given are to be considered in a given order (as CMD is considered as Senior-most and JE is considered as the Junior-most). They all like different colour. B is junior to the one who likes Blue colour. E is senior to B. Not more than two persons is junior to D. The CEO likes Black colour. A is just senior to the one who likes Red colour. C is senior to the one who likes Red colour. JE does not like Red colour. The one who likes white colour is senior to A but junior to C. A does not like white colour. The COO does not like Blue colour. The one who likes Green colour is senior to the one who likes Blue colour. F is junior to E. F does not like Red colour. One of the persons like Yellow colour.

Q1. Who among the following is JE of the company?
(a) C
(b) A
(c) E
(d) D
(e) B

Q2. Who among the following likes Blue colour?
(a) F
(b) C
(c) A
(d) B
(e) D


Q3. How many persons are senior to $B$ ?
(a) One
(b) Two
(c) Three
(d) More than three
(e) None of these

Q4. The one who is CMD like which among the following colour?
(a) Blue
(b) Red
(c) Green
(d) Yellow
(e) None of these

Q5. Who among the following is just junior to A?
(a) E
(b) C
(c) D
(d) B
(e) None of these


Directions (6-8): Each of these questions is based on the following information:
(i) P \% Q means P is 6 m west of Q .
(ii) $P$ @ $Q$ means $P$ is $4 m$ east of $Q$.
(iii) $P \$ Q$ means $P$ is $3 m$ north of $Q$.
(iv) $P^{*} Q$ means $P$ is $5 m$ south of $Q$.

Q6. If the expression 'J \% K \$ L @ M * N \% O $\mathbf{0}$ ' is true, what is the direction of $\mathbf{0}$ with respect to L ?
(a) North
(b) South
(c) North-West
(d) North-East
(e) None of these

Q7. If the expression 'J \% K \$ L @ M * N \% O' is true, what is the Shortest distance between K and M ?
(a) 5 m
(b) 4 m
(c) 6 m
(d) 3 m
(e) None of these

Q8. If the expression ' $V^{*} \mathrm{U}, \mathrm{T} @ \mathrm{U}, \mathrm{Y}^{*} \mathrm{~T}, \mathrm{X} \% \mathrm{Y}, \mathrm{Z} \$ \mathrm{X}, \mathrm{V} \$ \mathrm{~K}^{\prime}$ ' is true, what is the direction of U with respect to K?
(a) North- East
(b) North-West
(c) South- East
(d) South- West
(e) None of these

Direction (9-10): Read the information carefully and answer the question:

Rohan started his journey from point X , he walks 8 m in the east direction, after that he turns 90-degree anticlockwise direction and walks 6 m to reach at point Y. From point Y, he turns to his left and walks 10 m to reach at point Z .

Q9. What is the shortest distance between point X and Y ?
(a) 8 m
(b) 10 m
(c) 12 m
(d) 15 m
(e) None-of-these

Q10. What is the total distance covered by Rahul from point X to point Z?
(a) 22 m
(b) 24 m
(c) 20 m
(d) 30 m
(e) 18 m

Directions (11-15): In each of the questions given below, a group of digits is given followed by four combinations of letters/ symbols numbered. You have to find out which of the four combinations correctly represents the group of digits based on the letter/ symbol codes and the conditions given below. If none of the four combinations represents the group of digits correctly, give (e) i.e. 'None of these' as the answer.

| Digit | 7 | A | 6 | 2 | F | 1 | C | 4 | T | 5 | U | I | 9 | V |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Symbol | L | $\&$ | $=$ | + | $*$ | $\Delta$ | $\%$ | $\geq$ | $\leq$ | $!$ | $=$ | $/$ | $>$ | $<$ |

Condition for coding the group digits:
(i). If the first number is even and last letter is vowel, then the codes for the first and the last elements are to be interchanged.
(ii). If the first as well as the last letter is consonant, then both are to be coded by the code for the fourth letter.
(iii). If the first as well as the last number is odd, then both are to be coded by the code for the last number.
(iv). If the first number is odd and last letter is consonant, then both are to be coded by the code for the first number.

Q11. 7A4TCF9
(a) $>\& \geq \leq * \%$
(b) $\mathrm{L} \& \geq \leq \%^{*}>$
(c) $>\& \geq \leq \%^{*} \mathrm{~L}$
(d) $>\& \geq \leq \%^{*}>$
(e) None of these

Q12. U51VI4T
(a) $\leq!\Delta</ \geq \leq$
(b) $=!\Delta /<\geq \leq$
(c) $=!\Delta</ \geq \leq$
(d) $=$ ! $\Delta</ \geq$ !
(e) None of these

Q13. C9AV52F
(a) $\%>\&<!+<$
(b) $<>\&<!+<$
(c) $\ll \&<!+<$
(d) $\%>\&<!+*$
(e) None of these

Q14. 4A9T1IU
(a) $=\& \leq>\Delta / \geq$
(b) $=\&>\leq \Delta=$
(c) $\geq \&>\leq \Delta=$
(d) $=\&>\leq \Delta / \geq$
(e) None of these

Q15. 5FT4ACV
(a)! $* \leq \geq$ \%\&!
(b) ! * $\leq \geq \& \%$ !
(c) ! $* \leq * \& \%$ !
(d) ! $*=\geq \& \%$ !
(e) None of these


Solutions

## Solutions (1-5):

Sol.

| Designation | Employees | Colour |
| :--- | :---: | :--- |
| CMD | C | Green |
| MD | E | White |
| CEO | A | Black |
| COO | D | Red |
| SE | F | Blue |
| JE | B | Yellow |

S1.Ans(e)
S2.Ans(a)
S3.Ans(d)

S4.Ans(c)
S5.Ans(c)
Solutions (6-8):
S6. Ans(d)


Sol.
S7. Ans(a)


Sol.


## Solutions (9-10):



S9. Ans.(b)
S10. Ans.(b)

## Solutions (11-15):

S11. Ans.(d)
Sol. Condition (iii) applies
S12. Ans.(c)
Sol. None of the conditions are applied.
S13. Ans.(b)
Sol. Condition (ii) applies
S14. Ans.(d)
Sol. Condition (i) Applies.
S15. Ans.(b)
Sol. Condition (iv) Applies.

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