Quiz Date: $19^{\text {th }}$ March 2020
Direction (1-5): Study the following information to answer the given questions: Six employees work in a multinational company at different post- CEO, CMD, MD, AM, Manager and Trainee. All the designations given are to be considered in a given order (as CEO is considered as Senior-most and Trainee is considered as the Junior-most). Each of them belongs to different countries. Only two persons are junior to D, who belongs to Japan. E is senior to D but junior to the one who belongs to Canada. A is immediate senior to the one who belongs to Italy. F is senior to B . The one who is from Germany is immediate junior to C. A is not from Canada. The one who is junior most belongs to Russia. B does not belong to India.

Q1. Who among the following person belongs to Russia?
(a) C
(b) A
(c) E
(d) B
(e) None of these

Q2. The one who is MD of the company belongs to which country?
(a)Canada
(b) Italy
(c)India
(d)Germany
(e) None of these

Q3. Which of the following Statement is true about A?
(a)Only two persons are junior to A
(b) A belongs to Italy
(c) Not more than one person is senior to A
(d) F is just junior to A
(e) None is true

Q4. Who among the following person belongs to Canada?
(a) The one who is just senior to E
(b) B
(c) D
(d) The one who is CEO of the company
(e) None of these

Q5. Who among the following is Manager of the company?
(a) C
(b) A
(c) E
(d) F
(e) None of these


Direction (6-9): In the following questions, the symbols \#, \&, @ and \$ are used with the following meanings as illustrated below. Study the following information and answer the given questions:
Note: The directions which are given indicates exact directions.
$\mathrm{P} \# \mathrm{Q}$ - P is in the south direction of Q .
$P @ Q-P$ is in the north direction of Q .
$P \& Q-P$ is in the east direction of $Q$.
$P \$ Q-P$ is in the west direction of $Q$.
$P £ Q S-P$ is the mid-point of $Q S$ vertically.
Note- For southeast direction it used to be written as P\#\&Q and so on...
Point B is $\$ 15 \mathrm{~m}$ of point C. Point E is @ 8 m of point F. Point A is @ 20 m of point B. Point E is $\$ 8 \mathrm{~m}$ of point D. Point C is $\# 10 \mathrm{~m}$ of point D. Point $F$ is $\& 13 \mathrm{~m}$ point $G$. Point $\mathrm{H} £ A B$. Point K is $\$ 6 \mathrm{~m}$ of Point H .

Q6. What is the shortest distance between point G and point K ?
(a) 10 m
(b) 6 m
(c) 7 m
(d) 8 m
(e) None of these

Q7. What is the direction of point D with respect to point F ?
(a) North
(b) North-east
(c) South-west
(d) East
(e) None of these

Q8. What is the shortest distance between point E and point A ?
(a) 13 m
(b) 21 m
(c) $\sqrt{149 \mathrm{~m}}$
(d) $5 \sqrt{ } 15 \mathrm{~m}$
(e) None of these

Q9. Which of the following statement is true?
(a) A@\$G
(b) B@\&F
(c) C\#\&A
(d) K\#\$B
(e) None is true

Q10. A person starts walking in east direction from point X and walks 10 m to reach at point Y , then turn his right and walks 12 m to reach at point Z . From point Z he takes two consecutive right turn and walks 6 m and 4 m respectively to reach at point P . What is the shortest distance between point $P$ and Point X?
(a) $3 \sqrt{5} \mathrm{~m}$
(b) 15 m
(c) $\sqrt{80} \mathrm{~m}$
(d) 45 m
(e) None of these

Direction (11-12): In the following questions, the symbols \#, \&, @, *, \$, \% and © are used with the following meanings as illustrated below. Study the following information and answer the given questions:
$A @ B-A$ is the child of $B$.
$A \subset B-A$ is the parent of $B$
A\%B- A is father-in-law of B
A\&B- $A$ is brother-in-law of $B$
$A \$ B-A$ is brother of $B$
A*B-A is wife of $B$
A\#B- A is sister-in-law of B


Q11. If the expression "G\&H*E\$K@D©G" is true, then who among the following is daughter-in-law of D?
(a) G
(b) K
(c) E
(d) H
(e) Can't be determine

Q12. If the expression " $\mathbf{W} \mathbf{\$ W} \mathbf{*} \mathbf{T} \mathbf{C} \mathbf{V} \mathbf{\$}$ " is true, then how X is related to $\mathbf{U}$ ?
(a) Grandson
(b) Uncle
(c) Nephew
(d) Son
(e) Can't be determine

## Direction (13-15): Study the following information carefully and answer the given questions:

There are eight members- A, B, C, D, E, F, G and H in a family. There are three married couple and three generation in this family. H has only 2 children. D is son of A and husband of E. F is the nephew of D. G is the aunt of E's daughter. A is the grandmother F. C is son-inlaw of H. Persons of the third generation are not married.

Q13. How is C related to E?
(a) Brother-in-law
(b) Sister-in-law
(c) Can't be determined
(d) Brother
(e) None of these

Q14. How is B related to G's son?
(a) sister
(b) Brother
(c) Aunt
(d) Cousin
(e) None of these

Q15. Who among the following is grandfather of F ?
(a) D
(b) A
(c) H
(d) C
(e) None of these


## Solutions

## Solutions (1-5):

Sol.

| Designation | Person | City |
| :--- | :--- | :--- |
| CEO | C | Canada |
| CMD | A | Germany |


| MD | E | Italy |
| :--- | :--- | :--- |
| AM | D | Japan |
| Manager | F | India |
| Trainee | B | Russia |

S1. Ans.(d)
S2. Ans.(b)
S3. Ans.(c)
S4. Ans.(d)
S5. Ans. (d)
Solutions (6-9):
Sol.


S6. Ans.(d)
S7. Ans.(b)
S8. Ans.(c)
S9. Ans.(c)


S10. Ans.(c)
Sol.


Solutions (11-12):
S11. Ans.(d)

Sol.


S12. Ans.(e)
Sol.


Solution (13-15):
Sol.


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