Quiz Date: 30<sup>th</sup> September 2020

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

Eight persons are lives on eight different floors of an eight storey building. Ground floor is numbered as 1 and top floor is numbered as 8. All of them sits in a linear row and facing north direction. A lives on odd number floor and sits third from the left end. Only four persons live between A and H. E lives on even number floor between the floors of A and H. E does not live on a floor adjacent to A's floor but sits third to right of A. G does not live on odd number floor. The one who sits third to the right of H does not live above H. The one who sits at left end lives on fifth floor. D lives immediate above E. There is a gap of two floors between floors of D and C, who lives above H. More than two persons sit between G and the one who lives on second floor. The one who lives on eight floor sits third to right of D. Only two persons sit between C and B. G does not sit with A and F. The one who lives just below A sits on right end.

- Q1. Who among the following lives on second floor?
- (a) D
- (b) C
- (c) H
- (d) B
- (e) None of these

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- Q2. Who among the following sits immediate left of G?
- (a) A
- (b) B
- (c) E
- (d) F
- (e) None of these
- Q3. The person who sits second to the left of E, lives on which of the following floor?
- (a) 5th
- (b) 6<sup>th</sup>
- (c) 4<sup>th</sup>
- (d) 8th
- (e) None of these
- Q4. How many persons sits between the one who lives on  $7^{th}$  floor and the one who lives on  $2^{nd}$  floor?
- (a) One
- (b) Two
- (c) Five
- (d) Four
- (e) None
- Q5. Which of the following statement is true about F?

- (a) F sits immediate right of E
- (b) F lives on an even numbered floor
- (c) Only two persons are sitting between F and the one who lives on 6th floor
- (d) Only two persons are live between F and D
- (e) None of these

Directions (6-10): Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statement are sufficient to answer the question. Read both the statements and Given answer:

- (a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
- (b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
- (c) If the data either in statement I alone or in statement II alone are sufficient to answer the question.
- (d) If the data even in both statements I and II together are not sufficient to answer the question.
- (e) If the data in both statement I and II together are necessary to answer the question.
- Q6. A, B, C, D, E and F are sitting in a circular table. Some of them face towards center and some of them face opposite to the center. How many persons are facing opposite to the centre?
- I. There is only two persons sit between B and C. D, who is not an immediate neighbour of B, sits immediate left of F.
- II. A sits second to the left of B. F is not an immediate neighbour of A but faces inside the centre. E faces inside the centre.
- Q7. What is the distance between point Q and point S?
- I. Point P is 2m west of point Q. Point S is 5m south of point T.
- II. Point Q is 2m east of point P and Point S is 3m south of point T which is 5m north east of Q.
- Q8. Who amongst P, Q, R, S, T and U is the tallest person?
- I. Q is shorter than P and taller than only three persons. T is not as tall as R.
- II. Q is taller than T who is shorter than S. P is not as tall as U.
- Q9. Which bag amongst P, Q, R, S and T is the heaviest?
- (i) Bag Q is heavier than R and S. Bag T is heavier than only bag P.
- (ii) Only three bags are lighter than R. The weight of bag Q is  $54~\mathrm{kg}$ , which is  $4~\mathrm{kg}$  more than bag R.
- Q10. Is K granddaughter of B?
- (i) B is the father of M. M is the sister of T. T is the mother of K.
- (ii) S is the son of K. V is the daughter of K. R is the brother of T.

Directions (11-15): Study the following information and answer the questions given below:

There are AB axis in such a way that A is in north and B is in south direction. There is CD axis in such a way that C is in west direction and D is in east direction. AB axis and CD axis intersect at a point O in such a way that AO is 12m, OB is 14m, OC is 12m, OD is 13 m. A person starts walking from point P which is 4m to the west of point O and walks 10m in North direction to reach point Q and then he takes a turn to his right and walks 17m and stops at point R. Another person starts walking from point D and walks 14m in south direction to reach point T, then turns to his right and walks 20 m and stops at point U.

- Q11. Point B is in which direction with respect to Point U?
- (a) South
- (b) East
- (c) South-west
- (d) West
- (e) North-west
- Q12. Point T is in which direction with respect to point Q?
- (a) North
- (b) East
- (c) North-east
- (d) North-west
- (e) None of these

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- Q13. What is shortest distance between point 0 and point U?
- (a) 31m
- (b) 33m
- (c) 11m
- (d) 20m
- (e) None of these
- Q14. Point R is in which direction with respect to Point T?
- (a) South
- (b) North
- (c) South-west
- (d) West
- (e) None of these
- Q15. What is distance between point R and point T?
- (a) 31m
- (b) 33m
- (c) 11m
- (d) 20m
- (e) 24m



Solutions

## Solutions (1-5):

Sol

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G								
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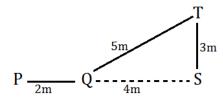
## Solutions (6-10):

S6. Ans.(d)

Sol. From both the statements we cannot find that how many persons are facing outside to the centre.

S7. Ans.(b)

Sol. For using only statement II we can find the distance between Q and S is 4m.



S8. Ans.(e)

Sol. From both the statements I and II we can find that U is tallest person.

U>P>Q>R/S>R/S>T

S9. Ans.(c)

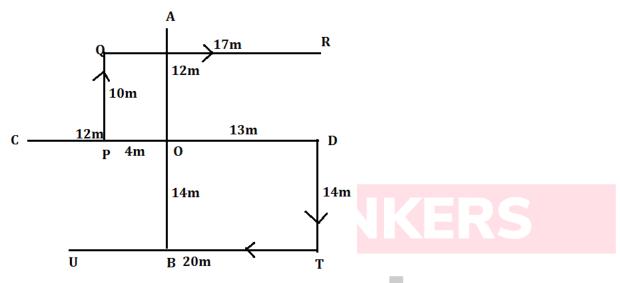
Sol. Data either in statement I alone or in statement II alone are sufficient to answer the question.

S10. Ans.(d)

Sol. Both statements I and II together are not sufficient to answer the question.

Solution (11-15):

Sol.



S11. Ans.(b)

Sol. East

S12. Ans.(e)

S13. Ans.(e)

S14. Ans (b)

S15. Ans (e)





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