

Quiz Date: 27th July 2020

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

Seven persons are living in a eight storey building. Ground floor is numbered as 1st floor and top floor is numbered as 8th floor. Each of them was born on the same day and in the same month of the different years- 1976, 1938, 1959, 1964, 1974, 1981 and 1984 but not necessarily in the same order (Their age is considered as on the same month and day of 2019 as their date of births). One of the floors is vacant.

V is younger than Q. R neither lives on Fifth floor nor on Eighth floor. Difference between the ages of R and S, who lives Fifth floor is two years. Age of the person who lives on the topmost floor is greatest amongst those whose age is a multiple of five. U either lives on sixth floor or on seventh floor. T is older than the person who lives on Third floor, who is not the youngest. T lives above the floor on which U lives. The difference between the ages of Q, who lives on First floor and R is one more than the square root of the age of one of the persons. The one who was born in 1974 does not lives on Third floor. Age of T is not an even number. V is not the youngest. S lives above V and there is only one floor between S and V. There are only five floors between P and R.

Q1. Who among the following person was born in 1984?

- (a) R
- (b) Q
- (c) U
- (d) S
- (e) None of these

Q2. Who among the following is second youngest person of the group?

- (a) V
- (b) S
- (c) P
- (d) T
- (e) None of these

Q3. Which of the following floor is vacant?

- (a) 2nd floor
- (b) 5th floor
- (c) 3rd floor
- (d) 4th floor
- (e) None of these

Q4. How many persons live between R and U?

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

Q5. Who among the following born in 1964?

- (a) S
- (b) P
- (c) R
- (d) Q
- (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.

A#B - A is in the south direction of B.

A@B - A is in the north direction of B.

A&B - A is in the east direction of B.

A\$B - A is in the west direction of B.

A£BC - A is the mid-point of BC vertically.

Point M is @16m of point N. Point O is #5m of point P. Point S is \$15m of point R. Point O is &8m of point N. Point Q is &4m of point P. Point R is @3m point Q. Point T£MN. Point X is #4m of Point S.

Q6. What is the shortest distance between X and T?

- (a) 9m
- (b) 10m
- (c) 5m
- (d) 16m
- (e) None of these

Q7. What is the direction of R with respect to N?

- (a) R\$#N
- (b) R@&N
- (c) R@#N
- (d) R&@N
- (e) None of these

Q8. If K is #2m of point T, then what is the shortest distance between K and O?

- (a) 14m
- (b) 13m
- (c) 15m
- (d) 10m
- (e) None of these

Q9. What is the direction of Q with respect to M?

- (a) South-East
- (b) North
- (c) North-West

- (d) East
- (e) West

Q10. Statement: "Good news for all, Vikalp is available and every passenger will get reserve seats. Waiting status will be omitted from reservation chart" quoted by Railways Ministry. Spokesperson of railways has said if confirm seat is not available in desired train, option for confirm seat in other train will be given at the time of reservation.

Which of the following can be assumed from the given statement?

- (I) Fairs of reserved seats will be increased by Railways department.
 - (II) Commuters would have faced issues regarding confirm seats in railways.
 - (III) There will be increase in number of persons travelling through railways.
- (a) Only I
 - (b) Only II and III
 - (c) Only I and III
 - (d) Only I and II
 - (e) None of these

Directions (11-15): 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 Give 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.

Q11. Who sits immediate left of M, if all persons sit in a row are facing north?
I. A sits third to the right of N. There is only three persons sit between N and M.
II. K sits second to the left of M. Not more than eight persons sit in a row.

Q12. Who amongst P, Q, R, S, T and U is the shortest person?
I. R is taller than S but shorter than only 2 persons. Q is shorter than P.
II. T is not as tall as U who is not the tallest.

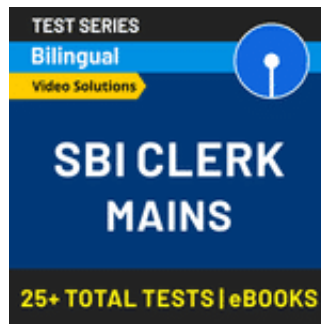
Q13. How is A related to B?
I. A has only two children. C is sister of E. D is father in law of B
II. E is husband of B. A is married to D.

Q14. What is the code of 'today' in a certain code language?

- I. 'today bank sector' is coded as 'zq xr mz' and 'public today never' is coded as 'mz yq hn'
 II. 'today file send' is coded as 'xr mz zq' and 'email send today' is coded as 'zq mz am'

Q15. Six persons- J, K, L, M, N sitting in a row. Among them how many persons are facing to the north?

- I. There are only two persons sit between J and K. M sits fourth to the left of J.
 II. O sits immediate left of N but not an immediate neighbour of J.



Solutions

Solution (1-5):

Sol.

Floor	Person	Years
8	P	1959
7	T	1938
6	U	1984
5	S	1976
4	Vacant	-----
3	V	1981
2	R	1974
1	Q	1964

S1. Ans.(c)

S2. Ans.(a)

S3. Ans.(d)

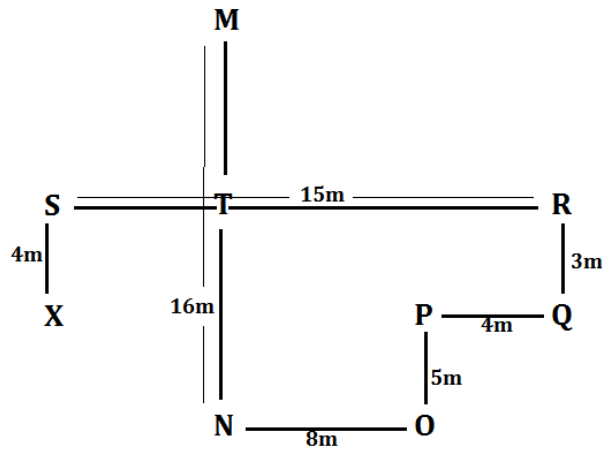
S4. Ans.(d)

S5. Ans.(d)

Solution (6-9):

Sol.





S6. Ans.(c)

S7. Ans.(b)

S8. Ans.(d)

S9. Ans.(a)

S10. Ans.(e)

Sol.

For I: True, As per vikalp plan it is certain everyone will get confirm seats, means facilities for passengers will be increased. Then it may be assumed that fares will get increased.

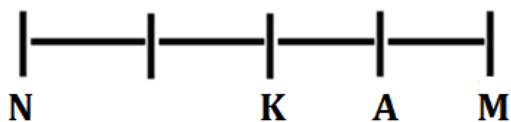
For II: True, As vikalp plan has come to resolve the waiting status, it means commuters would have faced issues in past.

For III: True, As there is certainty of confirm seats, Then it may be that number of commuters will increase.

Solution (11-15):

S11. Ans.(e)

Sol. By combining both the statements together we can find that S sits immediate left of G.

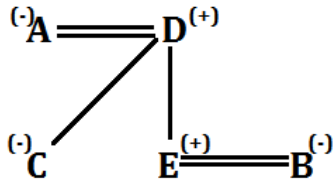


S12. Ans.(d)

Sol. From both the statements I and II we cannot find that who is shortest.

S13. Ans.(e)

Sol. By combining both the statements together we can find that Q is mother of X.



S14. Ans.(a)

Sol. Only using the first statement we can find the code of today is- mz.

S15. Ans.(d)



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