Who sits to the immediate right of T?

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Model Questions

Directions (Q. No. 1-5): In each question below are given two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts.

Give answer:

1) if only conclusion I follows
2) if only conclusion II follows
3) if either conclusion I or II follows
4) if neither conclusion I nor II follows
5) if both conclusions I and II follow

1. Statements:
All Lecturers are graduates.
All professors are graduates.
All engineers are graduates.
Conclusions:
I. Some professors can be Lecturers.
II. Some engineers may be Lecturers.

2. Statements:
Some doctors are professors.
Some professors are orators.
Some orators are politicians.
Conclusions:
I. No doctor is politician.
II. Some orators are definitely not doctors.

3. Statements:
Some Books are magazines.
All magazines are novels.
Some novels are papers.
Conclusions:

I. All books being magazines is a possibility
II. All papers being novels is a possibility

4. Statements:
All cats are ferocious.
All ferocious are dangerous.
Some dangerous are horses.
Conclusions:
I. No ferocious is horse
II. Some ferocious are horses

5. Statements:
All tables are benches.
Some benches are chairs.
Some chairs are desks.
Conclusions:
I. Some desks are not tables.
II. All desks are tables.

Directions (Q. No. 6-10): Study the following information carefully and answer the following questions:

There are eight friends P, Q, R, S, T, U, V and W are seated in a circle facing the centre but not necessarily in the same order.

Q is as far away from W as S is as far away from Q.

S is as far away from P as R is away from T.

PR, SV, WT and UQ are seated adjacent to each other. P is also seated adjacent to W. Q is second to the right of W and T is third to the right of R.

6. In which of the following combinations third person is sitting between the first person and second person?
1) TUQ   2) PWT
3) PRV   4) QUS
5) None of these

7. Who is second to the left of P?
1) Q   2) T   3) V
4) S   5) None of these

8. If Q, V interchange their places, who sits to the immediate right of T?
1) Q   2) R   3) V
4) S   5) None of these

9. If all the persons are made to sit in alphabetical order starting from P in clockwise manner, the positions of how many will remain unchanged, other than P, as compared to the original seating positions?
1) One   2) Two   3) Three
4) Four   5) None of these

10. Who is sitting opposite W?
1) Q   2) T   3) V
4) S   5) None of these

Directions (Q. No. 11-15): Study the information and answer the following questions:

In a certain code language- **"attitude is good quality"** is written as **"kt *lt* ho gt"**, **"plain and simple attitude"** is written as, **"mt ta pt kt"**, **"quality creates net worth"** is written as, **"zi *lt* ne ki"**, **"attitude creates simple life"** is written as **"zi mt kt da"**.

11. What is the code for "attitude" in the given code language?
1) gt   2) ho   3) pt
4) kt   5) da

12. What is the code for "creates" in the given code language?
1) zi   2) mt
3) either kt or do
4) ne   5) *lt*

13. What is the code for "quality" in the given code language?
1) *lt*   2) ho   3) kt
4) zi   5) da

14. What is the code for "simple" in the given code language?
1) kt   2) da   3) mt
4) ga   5) zi

15. What is the code for "life" in the given code language?
1) mt   2) zi
3) kt   4) da
5) Cannot be determined

Directions (Q. No. 16-20): Each of the questions below consists of a question and two statements marked I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer:

1) 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
2) if the data in statements I alone are not sufficient to answer the question, while the data in statement II alone are sufficient to answer the question
3) if the data either in statement I or in statement II alone are sufficient to answer the question
4) if the data even in both the statements I, II together are not sufficient to answer the question
5) if the data in both statements I and II together are needed to answer the question

16. Towards which direction is B from C?
I. B is exactly to the south east of A.
II. C is exactly to the south of A.

17. How many daughters does A have?
I. P and Q are the daughters of B.
II. D is the only brother of P and son of A.

18. Among P, Q, R, S and T sitting in a straight line facing north, who sits in the extreme right end?
I. P sits third to the left of S. T is second to the left of R and an immediate neighbour of S.
II. P is second to the left of T who is second to the left of R.

19. Amongst P, Q, R, S, T and U, who are of different heights, who is the tallest?
I. S is shorter than only Q.
II. Among six persons only Q is taller than S.

20. Is C the grandmother of M?
I. C is the mother of D. D is the brother of M's father.
II. M is son of N who is daughter of Mrs. C.

SOLUTIONS

Q. No. (1 - 5):

1) As the given statements are affirmative both the positive possibilities follow.
Ans: 5

2) As the given statements are affirmative both the negative definite conclusions don't follow.
Ans: 4

3) As the given statements are affirmative both the positive possibilities follow.
Ans: 5

4) As the given statements are affirmative negative definite conclusion does not follow. But, both the conclusions form a complementary pair. So, either I or II follows.
Ans: 3

5) As the given statements are affirmative negative definite conclusion does not

follow. But, both the conclusions form a complementary pair. So, either I or II follows.
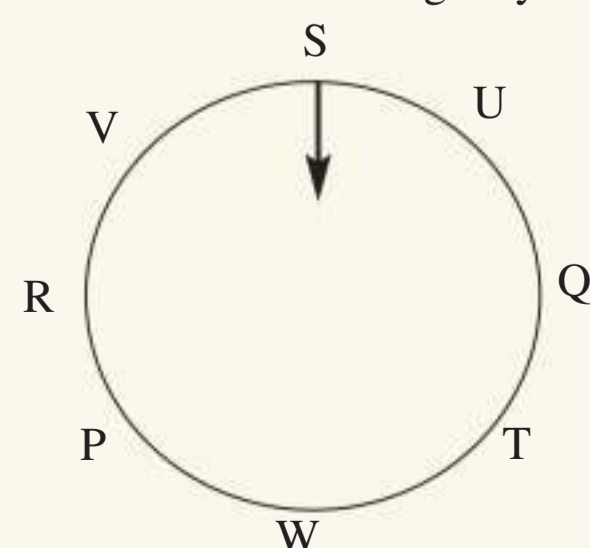**Ans: 3**

Q. No. (6 - 10):

As R is third to the left of T, S must be third to the left of P.

As Q is second to the right of W, S must be second to the right of Q.

So, the arrangement can be properly constructed in the following way.

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          S
     V         U
   R             Q
     P         T
          W
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Answers:
6) 1   **7)** 3   **8)** 3
9) 'S' and 'W' positions remain unchanged **Ans: 2**
10) 4

Q. No. (11 - 15):

"attitude is good quality" is **"kt *lt* ho gt"** ...... (1)
"plain and simple attitude" is **"mt ta pt kt"** ...... (2)
"quality creates net worth" is **"zi *lt* ne ki"** ...... (3)
"attitude creates simple life" is **"zi mt kt da"** ...... (4)

By comparing..
(1), (2) & (4) attitude = kt
(3) & (4) creates = zi
(1) & (3) quality = *lt*
(2) & (4) simple = mt
As the code for attitude, creates and simple is known from above, life = da

Answers:
11) 4 **12)** 1 **13)** 1 **14)** 3 **15)** 4

Q. No. (16 - 20):

16) The distance between B and A as well as between C and A is not given. Hence, we cannot find out the direction.
Ans: 4

17) By combining both the statements, it can be concluded that A and B are married couple, and P and Q are the daughters of A and B. But, it doesn't confirm that A and B only two daughters.
Ans: 4

18) Either statement I or statement II are sufficient to answer the question.
P Q T S R
Ans: 3

19) Either statement I or statement II are sufficient to answer the question as either of the statements clearly indicate that Q is the tallest.
Ans: 3

20) Either statement I or statement II are sufficient to answer the question. **Ans: 3**