

Date : 10th August 2023

Logical Reasoning -

English

Direction(1 - 5): Read the given information carefully and answer the following questions.

Ten people are sitting in two rows such that both rows have 5 people each, having an equal distance between two adjacent people. In Row 1 - S, T, U, V, and W are seated facing North but not necessarily in the same order. In Row 2 - A, B, C, D, and E are seated facing South but not necessarily in the same order. People in both Rows are facing each other. Some of them are male and some of them are female.

T sits third to the right of V who sits at the end. Only one person sits between A and D. The one who sits second to the right of V faces A. C is immediate to the left of E. The one who is immediate to the left of W faces B. There is at least one person between S and U. U is not an immediate neighbor of W. Only females have an even number of people sitting adjacent to them and only males have an odd number of people sitting adjacent to them.

Q:1 Who among the following is not a male?

1. D
2. V
3. U
4. C
5. S

Q:2 Who sits third to the right of V?

1. None of these
2. Can't be determined
3. W
4. S
5. T

Q:3 Who is sitting third to the right of C and what is the gender of C?

1. B, Female
2. None of these
3. E, Female



Date : 10th August 2023

Logical Reasoning -

English

4. B, Male

5. A, Female

Q:4 Who is an immediate neighbor of B?

1. a male

2. a Female

3. A



Date : 10th August 2023

Logical Reasoning -

English

- 4. D
- 5. All of these

Q:5 Who is sitting third to the left of U?

- 1. None of these
- 2. V
- 3. T
- 4. S
- 5. W

Direction(6 - 10): Read the given information carefully and answer the following questions.

Ten people A, B, C, D, E, F, G, H, I, and J are sitting in a linear row facing either the North or South direction but not necessarily in the same order. E and H sit at the extreme ends facing the same direction. C is second to the left of H. C is third to the left of F. A sits third to the right of E. B who is an immediate neighbor of F sits second to the left of A. One person sits between G and A. D is an immediate neighbor of G. D sits fourth to the left of I. B is facing the South direction. J is not facing the North direction. G is not facing the North direction. C and D are facing the direction opposite to G. Three people sitting consecutively are not facing the North direction.

Q:6 Who sits immediately to the right of A?

- 1. E
- 2. G
- 3. D
- 4. I
- 5. B

Q:7 How many people are sitting to the right of D?

- 1. Eight
- 2. Five



Date : 10th August 2023

Logical Reasoning -

English

3. Seven
4. Four
5. Six

Q:8 How many people are sitting to the right of C?

1. Seven
2. Six
3. Five
4. Two
5. One





Date : 10th August 2023

Logical Reasoning -

English

Q:9 How many people are sitting to the left of G?

1. Four
2. Five
3. Six
4. Eight
5. Seven

Q:10 How many people are sitting to the left of B?

1. Five
2. Six
3. Either Four or Five
4. Four
5. Two





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Date : 10th August 2023

Logical Reasoning -

English

Answer Key

1. (5)	2. (5)	3. (4)	4. (5)	5. (4)
6. (3)	7. (3)	8. (4)	9. (4)	10. (4)

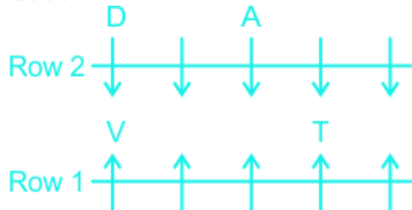
Answers and Solutions

(Q:1 - Q:5): T sits third to the right of V who sits at the end.

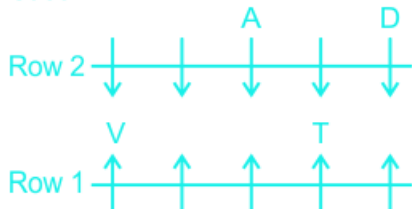
The one who sits second to the right of V faces A.

Only one person sits between A and D.

Case- 1



Case- 2



C is immediate to the left of E.

The one who is immediate to the left of W faces B.

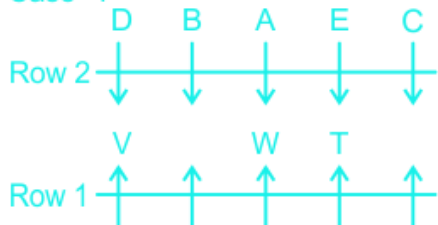


Date : 10th August 2023

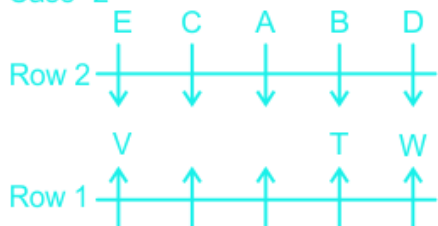
Logical Reasoning -

English

Case- 1



Case- 2



Date : 10th August 2023

Logical Reasoning -

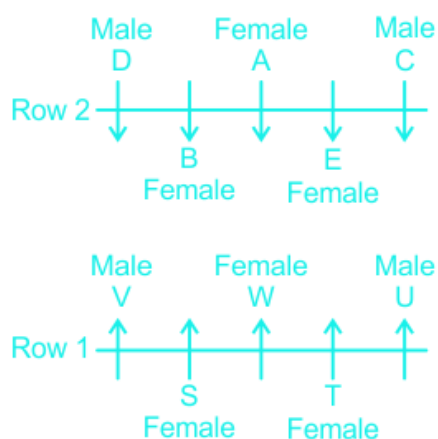
English

There is at least one person between S and U. (Here Case 2 is eliminated)

U is not an immediate neighbor of W.

Only females have an even number of people sitting adjacent to them and only males have an odd number of people sitting adjacent to them.

(This means that D, C, V, and U are males and the rest are females.)



Q:1 The correct answer is **Option 5** i.e. **S**

Hence, the correct answer is **S**.

Q:2 The correct answer is **Option 5** i.e. **T**

Hence, the correct answer is **T**.

Q:3 The correct answer is **Option 4** i.e. **B, Male**

Hence, the correct answer is **B, Male**.

Q:4 The correct answer is **Option 5** i.e. **All of these**

Hence, the correct answer is **All of these**.

Q:5 The correct answer is **Option 4** i.e. **S**

Hence, the correct answer is **S**.



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(Q:6 - Q:10): E and H sit at the extreme ends facing the same direction.

C is second to the left of H. (Here we have two possibilities: Case 1 and Case 2)

Case-1



Case-2



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English

C is third to the left of F.

A sits third to the right of E.

B who is an immediate neighbour of F sits second to the left of A.

One person sits between G and A.

D is an immediate neighbor of G.

D sits fourth to the left of I.

B is facing the South direction.

J is not facing the North direction.

G is not facing the North direction.

C and D are facing the direction opposite to G.

Case-1



Case-2



Three people sitting consecutively are not facing the North direction. (Here Case 2 is cancelled)

Case-1



Q:6 The correct answer is **Option 3** i.e. **D**

Hence the correct answer is **D**.

Q:7 The correct answer is **Option 3** i.e. **Seven**

Hence the correct answer is **Seven**.

Q:8 The correct answer is **Option 4** i.e. **Two**

Hence the correct answer is **Two**.



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Q:9 The correct answer is **Option 4** i.e. **Eight**

Hence the correct answer is **Eight**.

Q:10 The correct answer is **Option 4** i.e. **Four**

Hence the correct answer is **Four**.

