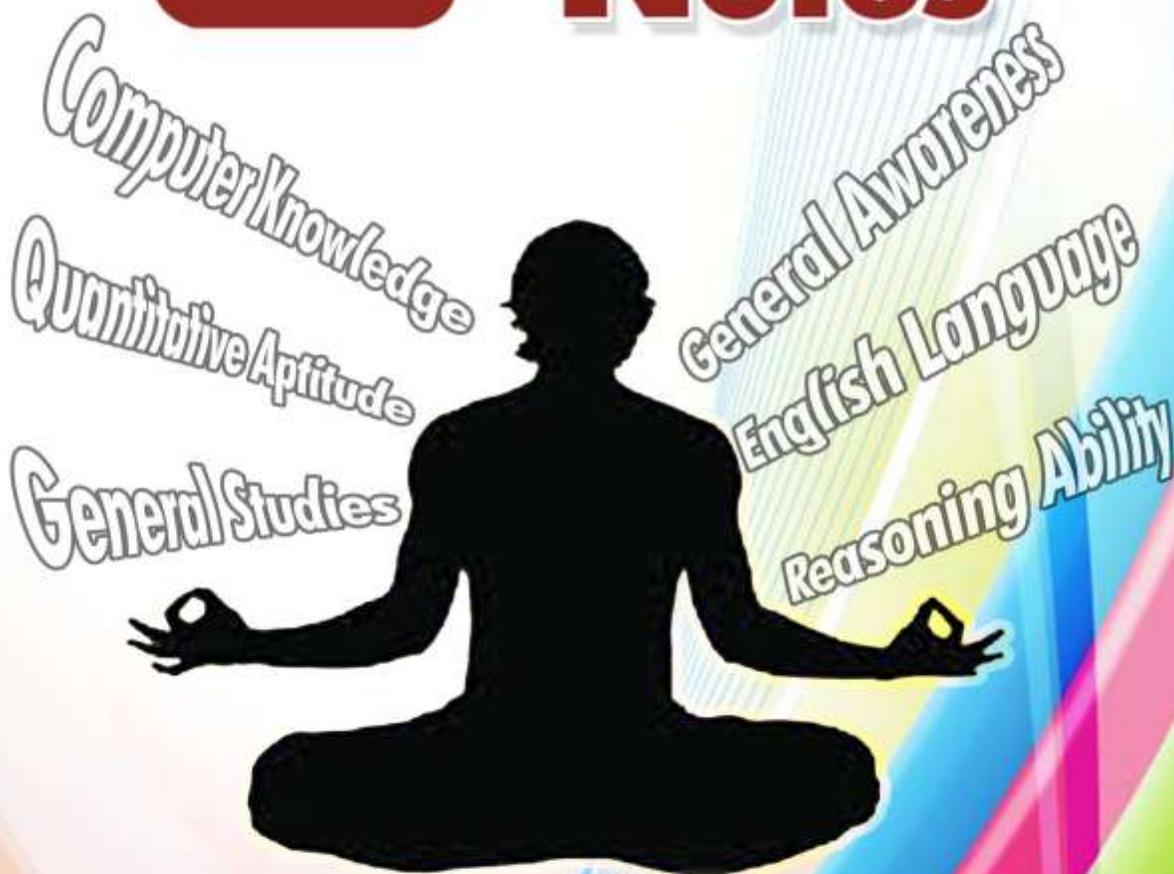


# क्या आप Theory से परेशान है?

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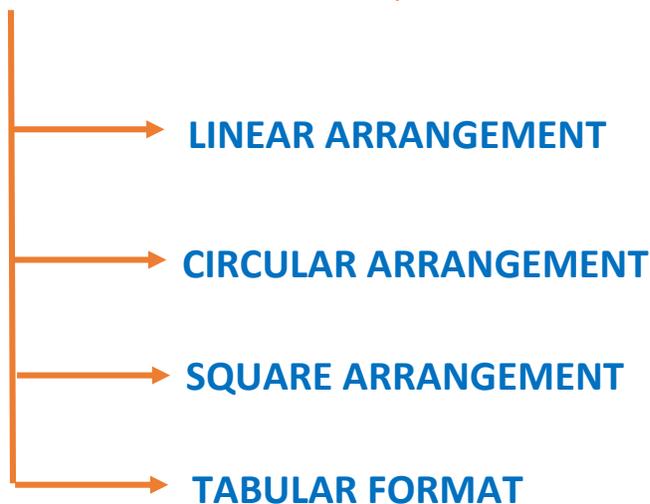
## Reasoning Ability

Topic : Sitting Arrangement

# SITING ARRANGEMENT

Sitting Arrangement questions involve arrangement of persons in a circular table, rectangular table or line arrangement with some given conditions. In order to solve these type of questions, best strategy is to develop a rough pictorial diagram. Once the diagram is complete, questions that follow can be answered easily.

## DIFFERENT TYPE OF ARRANGEMENT QUESTION



**Here some Conjunction is also used instead of name of candidate. In that case:**

- If AND/BUT is used then subject of the previous sentence (name of first candidate) will be used.
- If WHO/WHOM/WHOSE is used then object of the previous sentence (name of second candidate) will be used.

**Q.1-5. Study the given information carefully and answer the given questions-**

A, B, C, D, E and F are sitting in a straight line facing south, not necessarily in the same order. A is sitting fourth to the left of F and F is not sitting at the extreme end of the line. D is sitting third to the right of E. B is not an immediate neighbour of A.

**Q.1. How many people are sitting between C and F?**

- (1) One
- (2) Two
- (3) Three
- (4) More than three
- (5) None

**Q.2. What is the position of E with respect to A?**

- (1) Second to the left
- (2) Third to the right
- (3) Second to the right
- (4) Immediate right
- (5) Immediate left

**Q.3. Which of the pairs represents the people sitting at the extreme ends of the line?**

- (1) AC
- (2) BA
- (3) DC
- (4) DA
- (5) None of these

**Q.4. If all the persons are made to sit in an alphabetical order from left to right, the positions of how many will remain unchanged as compared to their original seating position?**

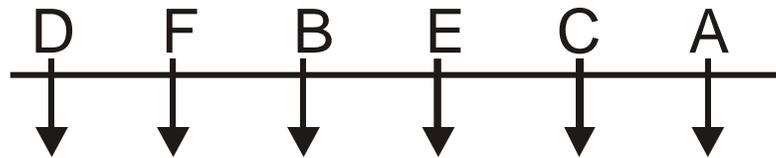
- (1) One
- (2) Two

- (3) Three
- (4) More than three
- (5) None of these

**Q.5.** Four of the following five are alike in a certain way based on their seating positions in the above arrangement and so form a group. Which one does not belong to the group?

- (1) CA
- (2) FD
- (3) BE
- (4) FB
- (5) EC

**Answers:**



- Q.1. (2)
- Q.2. (3)
- Q.3. (4)
- Q.4. (1)
- Q.5. (2)

**Q.6-10.** Read the following information carefully and answer the questions based on it-

A, B, C, D, E, F and G are sitting around a circular table, facing the centre. A is third to the right of F who is second to the left of B. C is not an immediate neighbour of B and is fourth to the right of D. E is sitting between C and F.

**Q.6.** Who is to the immediate right of F?

- (1) E
- (2) C
- (3) B

(4) A

(5) None of these

**Q.7. Who is second to the left of E?**

(1) D

(2) B

(3) G

(4) F

(5) None of these

**Q.8. What is the position of G in respect of D?**

(1) Third to right

(2) Second to left

(3) Second to right

(4) Third to left

(5) None of these

**Q.9. If the position of all persons is changed in clockwise direction starting with A in alphabetical order. How many person will change their position?**

(1) 4

(2) 3

(3) 5

(4) 2

(5) None of these

**Q.10. Who is fourth to the left of A?**

(1) F

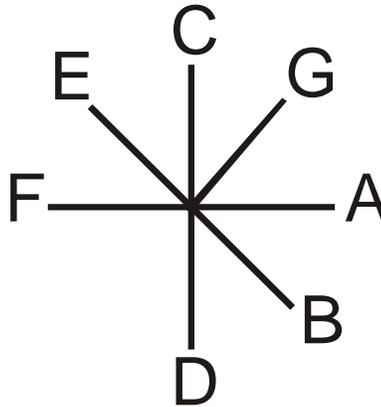
(2) D

(3) C

(4) E

(5) None of these

## Answers:



Q.6. (5) D

Q.7. (3) G

Q.8. (1) Third to the right.

Q.9. (2) 3

Q.10. (4) E

**Q.11-15. Study the following information carefully and answer the given questions -**

Eight Bank managers L, M, N, O, P, Q, R and S are sitting around a circular table, facing the centre. There are three males and five females in the group of friends. No two males are immediate neighbours of each other.

P sits second to the right of his wife. N sits third to the right of P Q sits second to right of her husband S. S is not an immediate neighbour of P's wife. O is a male and R is not an immediate neighbour of P. M sits second to the right of L.

**Q.11. Who amongst the following is P's wife?**

(1) L

(2) R

(3) M

- (4) O
- (5) None of these

**Q.12. Who amongst the following has a male sitting to the immediate left and the right?**

- (1) R
- (2) M
- (3) L
- (4) N
- (5) None of these

**Q.13. Starting with N, how many people sit between P and N when counted in anti-clockwise direction?**

- (1) None
- (2) One
- (3) Two
- (4) Three
- (5) Four

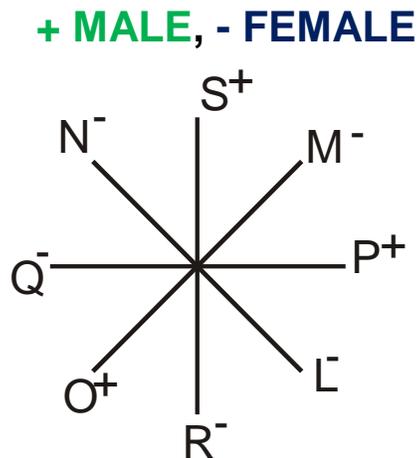
**Q.14. Which of the following pairs represents the immediate neighbours of O?**

- (1) ML
- (2) QS
- (3) RP
- (4) QR
- (5) None of these

**Q.15. What is the position of O with respect to S?**

- (1) Second to the left
- (2) Immediately right
- (3) Third to the left
- (4) Second to the right
- (5) None of these

**Answers:**



Q.11. (2)

Q.12. (2)

Q.13. (5)

Q.14. (4)

Q.15. (5)

**Q.16-20.** Study the following information carefully and answer the question given below.

P, Q, R, S, T, U, V and W are sitting around a circle facing the centre. T is not a neighbour of P and W. R is not neighbour of V and Q. R is third to the left of U. T is second to the right of U. W is not neighbour of R. V is not left of T and neighbour of S.

**Q.16.** Who is second to the right of T.?

- (1) P
- (2) S
- (3) W
- (4) Data inadequate
- (5) None of these

**Q.17.** What is Q position with respect to W?

- (1) Second to the left
- (2) Second to the right
- (3) Third to the left
- (4) First to the right
- (5) None of these

**Q.18. Who is third to the left of S?**

- (1) Q
- (2) P
- (3) V
- (4) U
- (5) None of these

**Q.19. If P and S mutually interchange their position, who is the fourth to the right of P?**

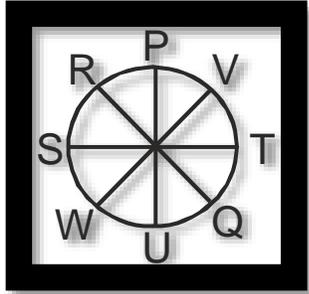
- (1) V
- (2) Q
- (3) U
- (4) T
- (5) None of these

**Q.20. If V and Q mutually interchange their position, what is W position with respect to Q?**

- (1) Fourth to the left
- (2) Third to the right
- (3) Fourth to the right
- (4) Both 1 and 3
- (5) None of these



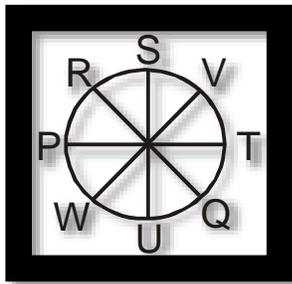
**Answers:**



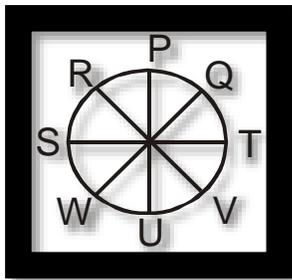
**Q.16. (1) P**

**Q.17. (2) Second right**

**Q.18. (3) V**



**Q.19. (4)**



**Q.20. (4)**

**Q.21-25. Study the following information carefully and answer the question given below.**

**P, Q, R, S, T, U, V and W eight members of a family sit around a circular table facing the centre. The following information is known about them: There are three married couples in the family. T is third to the right of Q, and exactly two persons sit between V and T. R is to the right of his grandson. U is the son-in-law of S and his daughter is P who sits to the left of her aunt T, who is opposite S. V and T are sisters-in-laws. W is unmarried, while U has no siblings. Each couple has at least one child.**

**Q.21. Who sit's to the right of W.?**

- (1) P
- (2) Q
- (3) R
- (4) S
- (5) None of these

**Q.22. U is the wife of.....?**

- (1) P
- (2) Q
- (3) R
- (4) S
- (5) V

**Q.23. Who is the daughter of S.?**

- (1) P
- (2) Q
- (3) V
- (4) U
- (5) T

**Q.24. Who sit's opposite R's Son?**

- (1) W
- (2) V
- (3) T
- (4) U
- (5) CND

Q.25. Who is the three place away to the left of Q?

- (1) His Mother
- (2) His Father
- (3) His Son
- (4) His Father
- (5) Either her mother or father

Answers:

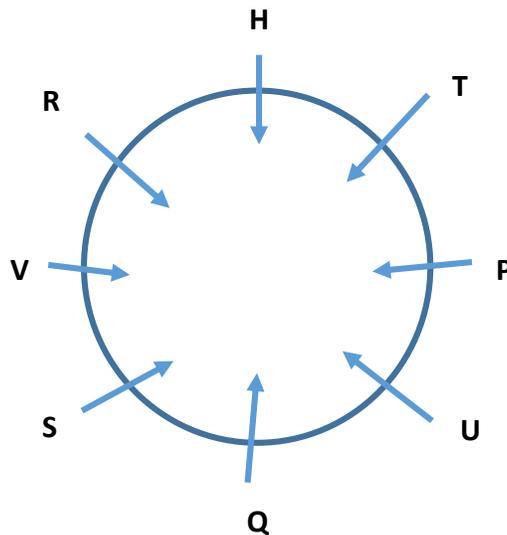
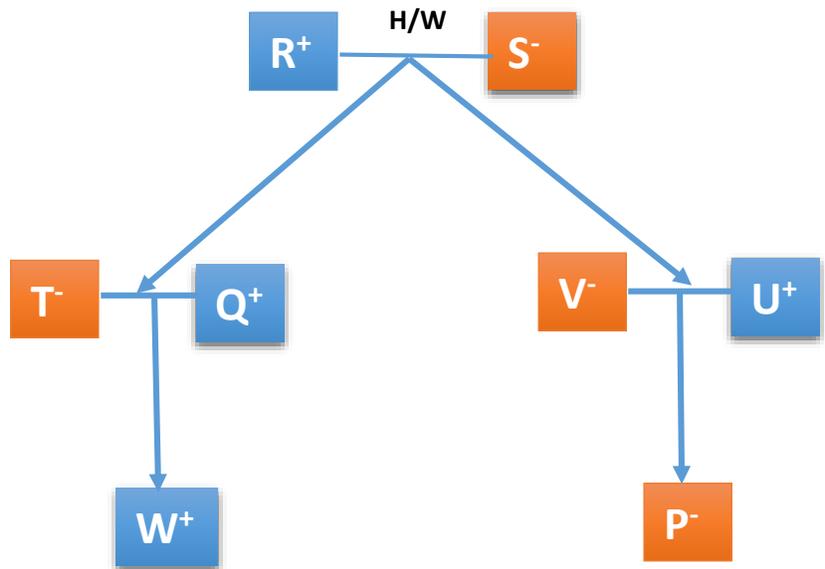
Q.21. (3)

Q.22. (2)

Q.23. (3)

Q.24. (1)

Q.25. (2)



**Q.26-31.** Study the following information carefully and answer the question given below.

A, B, C, D, E, F, G and H are sitting around a square table in such a way that four of them sit at four corners of the square while four sit in the middle of each of the four sides. The ones who sit at the four corners face outside while those who sit in the middle of the sides face the centre of the table. D sits third to the right of G. G faces the centre. E sits third to the left of C. C does not sit in the middle of the sides. Only one person sits between E and F. F is not an immediate neighbour of C. H faces the centre. A is not an immediate neighbour of F.

**Q.26.** what is position of C with respect to B?

1. Third to the right
2. C and B sit diagonally opposite to each other
3. Second to the right
4. Second to the left
5. Fifth to the right

**Q.27.** Who sits exactly between E and F?

1. H
2. D
3. A
4. C
5. G and A

**Q.28.** Which of the following pairs represents the persons seated in the middle of the sides who face each other?

1. G, E
2. A, B
3. C, D
4. F, H
5. H, E

**Q.29.** Who among the following sit between F and A when counted in anti-clockwise direction from A?

1. No one sits between F and A as F and A are immediate neighbours of each other
2. G, D and B

- 3. D and E
- 4. B and F
- 5. C, G and H

**Q.30. If A is made to face the opposite direction, who would sit to his immediate right?**

- 1. F
- 2. E
- 3. D
- 4. H
- 5. G

**Q.31. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?**

- 1. B
- 2. C
- 3. A
- 4. D
- 5. F

**Answers:**

**Q.26. (4)**

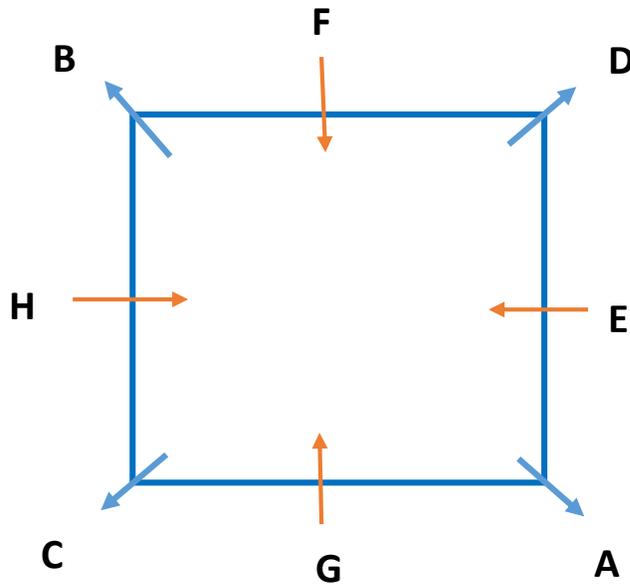
**Q.27. (2)**

**Q.28. (5)**

**Q.29. (3)**

**Q.30. (2)**

**Q.31. (5)**



**Q.32-35 Study the following information carefully and answer the question given below.**

Eight persons – L, M, N, O, P, Q, R and S are sitting around a circular table at equidistance but not necessarily in the same order. Some of them are facing the centre while some others are facing outside (i.e. in a direction opposite to centre).

M is sitting third to the left of S. S is facing towards the centre. Q is sitting second to the right of M. P is sitting second to the left of O. O is not an immediate neighbour of M or S. Both the immediate neighbours of N face outside is not an immediate neighbour of S. The immediate neighbour of L face opposite directions (opposite direction means if one neighbour faces the centre, the other faces outside). Both the immediate neighbours of O face the same direction as that of Q (if Q faces the centre both the immediate neighbours of O also face the centre and vice-versa). L faces the same direction as that of M.

**Q.32. How many persons are facing the centre as per the above arrangement?**

- (1) One
- (2) Three
- (3) Two
- (4) Four
- (5) Five

**Q.33. Which of the following is true regarding G as per the given sitting arrangement?**

- (1) N sits second to the left of R
- (2) Only two persons are sitting between R and O
- (3) L sits to the immediate right of R
- (4) M is one of the immediate neighbours of R
- (5) R faces the centre

**Q.34. Four of the following five are alike in a certain way based on the given sitting arrangement and so form a group. Which is the one that does not belong to that group.**

(1)G

(2)C

(3) A

(4)F

(5)D

**Q.35.**What is the position of A with respect to H?

(1) Third to the left

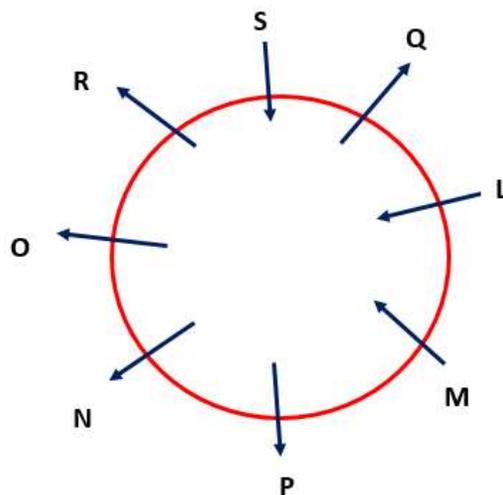
(2) Third to the right

(3) Fourth to the right

(4) Second to the left

(5) Fifth to the left

**Answers:**



**Q.32.** (2) A, B and H face the centre

**Q.33.** (1) C is second to the left of G.G is an immediate neighbour of D.

A is to the immediate right of B and also of F.

H and D are immediate neighbour of G. G Faces outside.

**Q.34.** (3) Except A, all other face outside.

**Q.35.** (4) A is second to the left of H.

**Q.36-40.** Study the following information carefully and answer the question given below.

Eight persons- A, B, C, D, E, F, G and H – are sitting around a circular table at equal distance between each other, but not necessarily in the same order. Some of them are facing the centre while some others are facing outside (i.e., in a direction opposite to the centre)

**Note:** Facing the same direction means if one faces the centre then other also faces the centre and vice-versa. Facing Opposite directions means if one person faces the centre then the other person faces outside and vice-versa.

F is sitting second to the right of E. Only three persons are sitting between F and G. H is sitting second to the right of F. H faces the centre. F and G face opposite directions. D and G face opposite directions. B is sitting second to the left of D. D is not an immediate neighbour of E Only one person is sitting between D and C. C is not an immediate neighbour of E. A is sitting third to the left of H. The immediate neighbours of H face opposite directions. A and F face opposite directions. B faces the same direction as that of C.

**Q.36.** Which of the following statements is true regarding H according to the given seating arrangement?

- (1) H is sitting second to the left of G
- (2) H is sitting exactly between C and D
- (3) H is sitting just opposite to B
- (4) There are four persons between H and E
- (5) H faces the opposite direction as that of A

**Q.37.** How many persons in the given seating arrangement face outside?

**(1) Three**

**(2) Four**

**3) Five**

**(4) Six**

**(5) Two**

**Q.38. Four of the following five are alike in a certain way based on the given seating arrangement and hence they form a group. Which is the one that does not belong to that group?**

**(1) C**

**(2) G**

**(3) A**

**(4) E**

**(5) B**

**Q.39. Who among the following sits exactly between G and E when counted from the left of G?**

**(1) None**

**(2) D**

**(3) B**

**(4) C**

**(5) H**

**Q.40. What is the position of A with respect to F?**

**(1) Other than those given as options**

**(2) Third to the right**

**(3) Second to the left**

(4) Second to the right

(5) Third to the left

**Answers:**

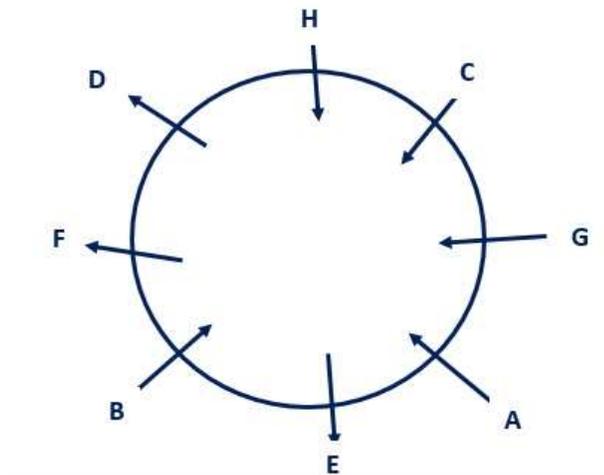
**Q.36. (2)**

**Q.37. (1)**

**Q.38. (4)**

**Q.39. (1)**

**Q.40. (5)**



**Q.41-45. Study the following information carefully and answer the question given below.**

A, B, C, D, E and F are sitting around a table, facing the centre. There are three married couple in the group, two of them are Doctor, two are Engineer, and two are Advocate. There is one man and one women in each profession. No two woman are neighbours. Husband and wife are neither neighbours nor they have same professions. An Engineer is to the immediate right of D, who is a female Doctor. The wife of C is an Advocate. A is to the right of F, but A is not a Doctor. E is to the immediate right of B.

**Q.41. Who is the wife of C?**

- (1) A
- (2) B
- (3) D
- (4) E

(5) None of these

**Q.42. Who among the following are Doctors?**

(1) D and E

(2) D and A

(3) D and B

(4) D and C

(5) None of these

**Q.43. What is the profession of wife of Doctor?**

(1) Doctor

(2) Engineer

(3) Advocate

(4) Can't be determined

(5) None of these

**Q.44. Who among the following are married couples?**

(1) E, F

(2) A, B

(3) C, D

(4) Can't be determined

(5) None of these

**Q.45. What is the profession of B?**

(1) Doctor

(2) Engineer

(3) Advocate

(4) Can't be determined

(5) None of these

**Answers:**

Advocate

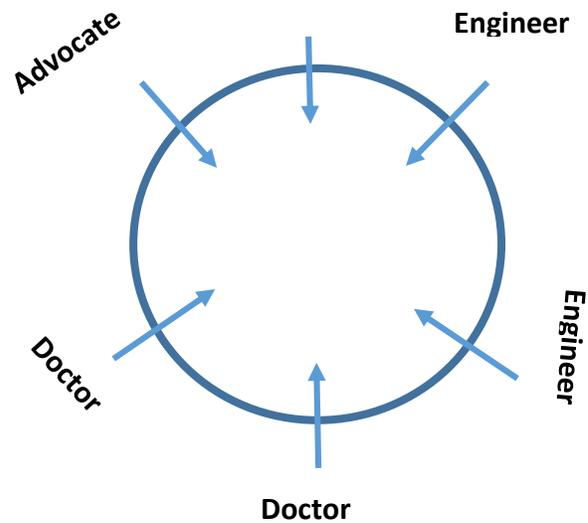
Q.41. (2)

Q.42. (1)

Q.43. (2)

Q.44. (1)

Q.45. (3)



**Q.46-50. Study the following information carefully and answer the question given below.**

Eight people X, W, Z, F, T, L, P and S are sitting in a straight line facing in north and south directions. X is sitting second to the right of T and W. T is sitting third to the right of F. S is sitting fourth to the left of X. Second and fourth person from the left side are facing south. F is sitting fourth to the left of L, who is second from the left. Z is not facing towards south but sitting fourth to the left of P who is third to the right of S who is facing north. W is not the neighbour of L.

**Q.46. Who is second to the left of X?**

- (1) P
- (2) L
- (3) S
- (4) W
- (5) None of these

**Q.47. Who is third from the right end?**

- (1) F
- (2) X
- (3) P

(4) T

(5) None of these

**Q.48. what is the position of L with respect to W?**

(1) Fifth to the left of W

(2) Fifth to the right of W

(3) Second to the left of T

(4) Second to the right of T

(5) None of these

**Q.49. Who among the following are immediate neighbours?**

(1) S, T

(2) L, P

(3) T, X

(4) Can't be determined

(5) None of these

**Q.50. Who of the following are facing in opposite directions with respect to each other?**

(1) S, L

(2) L, T

(3) T, P

(4) All of these

(5) None of these

**Answers:**

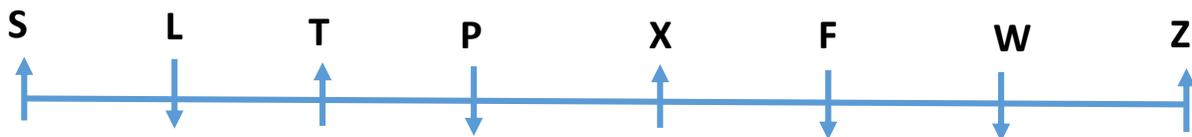
**Q.46. (5)**

**Q.47. (1)**

**Q.48. (2)**

**Q.49. (5)**

**Q.50. (4)**



**Q.51-60. Study the following information carefully and answer the question given below.**

Eight family members A, B, C, D, E, F, G, and H are sitting around a circular table facing the centre but not necessarily in the same order. F the wife of D is sitting third to the right of C. A is the son of H. A is second to the left of D. D is not an immediate neighbour of either F or C. No male is an immediate neighbour of D. G sits second to the left of D's son. Only two person sit between H and A's brother. Neither C nor D is the brother of A. D's son and his wife are immediate neighbours of each other. F is the mother of H and not an immediate neighbour of B or G. G is the sister of E.

**Q.51. Who sits between A's brother and D's daughter-in-law?**

- (1) A
- (2) B
- (3) D
- (4) E
- (5) None of these

**Q.52. Who among the following is sitting in front of the H's daughter?**

- (1) E
- (2) A
- (3) D
- (4) C
- (5) None of these

**Q.53. How is the person on the immediate left of F's husband related to D?**

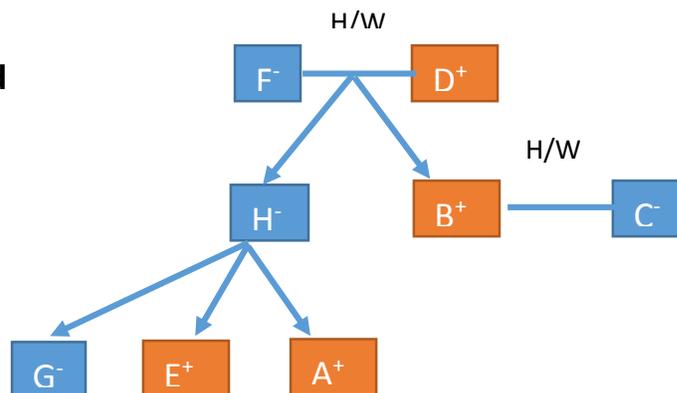
- (1) Daughter-in-law
- (2) Daughter
- (3) Son
- (4) Son-in-law
- (5) None of these

**Q.54. Who among the following are married couples?**

- (1) E, F
- (2) A, B
- (3) C, B
- (4) Can't be determined
- (5) None of these

**Q.55. Who are the neighbour of B?**

- (1) C and A
- (2) C and D
- (3) C and E
- (4) Can't be determined
- (5) None of these



**Answer:**

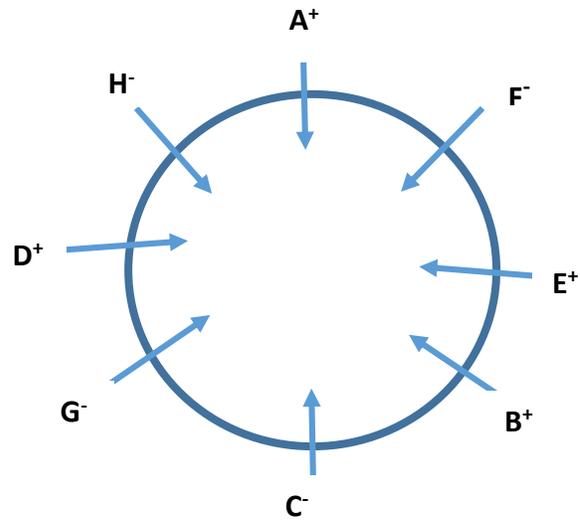
Q.51. (2)

Q.52. (5)

Q.53. (2)

Q.54. (3)

Q.55. (3)



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