

Rectangular Seating for IBPS RRB Clerk Prelims Exam



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Rectangular Seating

Directions (1-5): Answer the questions based on the information given below.

Eight persons A, B, C, D, E, F, G and H are sitting around a rectangular table but not in the same order such that four are sitting at the corner side of the table and face away from the center and other are sitting in the middle of the table and face towards the center.

G sits at the corner of the table. Immediate neighbor of G sits second to the left of A. C is not an immediate neighbor of G and A. C sits opposite to E, who is not an immediate neighbor of G. B sits to the immediate right of E. H sits second to the left of D.

1) How many persons sit between D and E when counted from the right of D?

- a. One
- b. Two
- c. Three
- d. Four
- e. None of these

2) Who among the following are the immediate neighbors of D?

- a. G and B
- b. G and C
- c. H and F
- d. A and E

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e. None of these

3) Four of the following five are related to each other in some way and thus formed a group. Choose the one which does not belong to that group.

a. E

b. A

c. D

d. H

e. B

4) Who sits second to the left of F?

a. D

b. E

c. H

d. C

e. None of these

5) Who among the following sits third to the right of B?

a. E

b. A

c. F

d. H

e. None of these

Direction (6-10): Answer the questions based on the information given below.

Eight persons A, B, C, D, E, F, G and H are sitting around the rectangular table. Four persons sit on corners while four sit on the sides. Persons at the corners face

towards the centre while persons at sides face away from the centre.

A sits opposite to E, who sits second to the right of D. H sits immediate right of B, who sits at one of the sides. G is not adjacent to D. F does not sit at any side. C does not sit immediate right of D. A and B are not immediate neighbours.

6) Who sits second to the right of A?

a. F

b. E

c. D

d. B

e. G

7) Who sits opposite to H?

a. G

b. F

c. C

d. A

e. None of the above

8) Find the odd one out.

a. H

b. C

c. F

d. B

e. G

9) Who sits to the immediate left of G?

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- a. B
- b. F
- c. A
- d. C
- e. H

10) How many persons sit between H and E when counted from the left of E?

- a. Three
- b. Five
- c. Four
- d. One
- e. Two

Directions (11-15): Answer the questions based on the information given below.

Eight persons P, Q, R, S, T, U, V and W are sitting around the rectangular table facing towards the centre. Two persons sit on each side. Each of them has different number of houses from 1 to 8.

S sits opposite to V, who sits to the immediate left of one, who has 8 houses. P has lesser houses than that of Q. T sits to the immediate left of R, who has 6 houses. T and R sit on the same side. S has double the number of houses of Q. P sits adjacent to one, who has 4 houses. Q does not sit adjacent to V. W has odd number of houses. The one, who has 1 house, sits opposite to one, who has 7 houses. Person with 3 houses sits to the immediate left of V.

11) Who sits third to the left of R?

- a. P

- b. Q

- c. The one, who has 4 houses
- d. The one, who has 8 houses
- e. None of these

12) Who sits opposite to R?

- a. U
- b. V
- c. P
- d. R
- e. None of these

13) What is the difference in the number of houses W and R?

- a. 4
- b. 2
- c. 1
- d. 3
- e. None of these

14) Who among the following has 7 houses?

- a. W
- b. U
- c. R
- d. T
- e. None of these

15) Who sits opposite to W?

- a. The one, who has 6 houses

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b. The one, who has 3 houses

c. Q

d. T

e. None of these

Direction (16-20): Answer the questions based on the information given below.

Eight persons P, Q, R, S, A, B, C and D are sitting in a rectangular table facing center such that two persons are sitting at each side of the rectangular and none of the persons is sitting at the corners of the rectangular.

B sits to the immediate right of S. Three persons sit between B and A. R is an immediate neighbor of A but does not sit adjacent to Q. D sits third to the right of R. Q and P are not immediate neighbors of each other. Q and C do not sit on the same sides of the table. P and C are not immediate neighbors of each other.

16) Who sits 2nd to the right of Q?

a. A

b. R

c. S

d. B

e. None of these

17) Who sits on the immediate right of A?

a. Q

b. R

c. P

d. B

e. None of these

18) Who sits on the same side on which C sits?

a. S

b. A

c. Q

d. R

e. None of these

19) Who sits opposite to B on the table?

a. P

b. Q

c. A

d. D

e. None of these

20) Four of the following five are related to each other in some way and thus formed a group. Choose the one which does not belong to that group.

a. R and C

b. P and Q

c. D and S

d. A and P

e. B and Q

Direction (21-25): Answer the questions based on the information given below.

Eight persons are sitting around a rectangular table. Four persons are sitting at middle of the sides of the rectangular and are facing towards inside. Remaining four are sitting at corners and they face outside.

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Two persons are sitting between A and F. C, who is an immediate neighbor of A, sits opposite to D. E sits 3rd to the right of G. H sits immediate right of E. B sits opposite to H, who does not face the towards the centre.

21) Who sits to the immediate right of C?

- a. E
- b. A
- c. H
- d. F
- e. None of the above

22) Who sits opposite to F?

- a. H
- b. C
- c. B
- d. E
- e. None of the above

23) ____ sits 2nd to the left of G.

- a. B
- b. H
- c. A
- d. D
- e. None of these

24) What is the position of H with respect to F?

- a. 3rd to the right
- b. Immediate left
- c. 3rd to the left

d. 4th to the right

e. None of the above

25) Find the odd one out.

- a. H
- b. B
- c. A
- d. G
- e. C

Direction (26-30): Answer the questions based on the information given below.

Eight friends Ram, Anuj, Shiv, Amit, Anil, Kumar, Kapil and Veer are sitting around a rectangular table in such a way four of them sit at the four corners of the rectangular while four sit in the middle of each of four sides. Those who sit at the four corners face away from the center while those who sit in the middle of the sides face towards the center of the rectangular table.

Kapil sits third to the right of Shiv, who faces towards the center. Amit sits third to the left of Anil, who does not sit in the middle of the sides. Only one person sits between Amit and Anuj. Anuj is not an immediate neighbor of Anil. Ram faces towards the center. Veer is not an immediate neighbor of Anuj.

26) Who sits third to the left of Ram?

- a. Kapil
- b. Anuj
- c. Kumar
- d. Veer
- e. None of these

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27) Who sits diagonally opposite to Veer in the table?

- a. Anuj
- b. Kumar
- c. Ram
- d. Amit
- e. None of these

28) Who sits to the immediate right of Anil?

- a. Kumar
- b. Veer
- c. Ram
- d. Amit
- e. None of these

29) Four of the following five are related to each other in some way and thus formed a group. Choose the one which does not belong to that group.

- a. Ram
- b. Anil
- c. Amit
- d. Anuj
- e. Shiv

30) Who among the following sits second to the right of Amit?

- a. Kapil
- b. Veer
- c. Anuj
- d. Kumar

e. None of these

Directions (31-35): Answer the questions based on the information given below:

Eight persons, P, Q, R, S, T, U, V and W are sitting at the four corners and four sides of a rectangular table. Number of persons facing away from the centre is not equal to the number of persons facing the centre.

Q is sitting 2nd to the right of P, who is facing away from the centre. Q is sitting adjacent to U, who is not sitting in the middle of any sides. S is sitting 2nd to the right of U but not adjacent to P. Both V and R are sitting immediately left of each other. W is not sitting at the corner of the table. Immediate neighbors of W are facing the opposite direction of W. T and S are facing the opposite directions. W is not sitting opposite to Q. T is not facing outside. S and Q are not immediate neighbours.

31) Who sits 2nd to the right of P?

- a. V
- b. Q
- c. S
- d. U
- e. None of these

32) Who sits 4th to the left of U?

- a. R
- b. V
- c. Either (a) or (b)
- d. T
- e. None of these

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33) What is the position of W with respect to Q?

- a. 2nd to the right
- b. Immediate left
- c. 3rd to the right
- d. 2nd to the left
- e. None of these

34) Counting from the left of T, how many persons sit between T and U?

- a. Five
- b. Two
- c. Three
- d. One
- e. None of these

35) _____sits to the immediate right of R.

- a. V
- b. S
- c. P
- d. Cannot be determined
- e. None of these

Directions (36-40): Answer the questions based on the information given below.

Eight persons, Payal, Pihu, Priya, Priyank, Param, Preeti, Pratik and Praveen are sitting at four corners and four sides of a rectangular table. Persons sitting at corners are facing the centre, while others are facing away from the centre.

Pratik is sitting 2nd to the right of Pihu. Payal is sitting 3rd to the right of Pratik. Preeti is sitting 2nd to the left of Payal. One person is sitting between Preeti and Priyank. Neither Praveen nor Priya is facing the centre. Param is not sitting adjacent to Priya.

36) Find the odd one out.

- a. Param
- b. Preeti
- c. Priya
- d. Priyank
- e. Payal

37) _____ is sitting opposite to Param.

- a. Preeti
- b. Praveen
- c. Payal
- d. Priyank
- e. None of the above

38) How many persons are sitting between Pratik and Praveen, when counted from the left of Pratik?

- a. 3
- b. 5
- c. 1
- d. 4
- e. None of the above

39) _____ is sitting adjacent to Pihu.

- a. Priyank

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- b. Preeti
- c. Either (a) or (b)
- d. Both (a) and (b)
- e. None of the above

40) What is the position of Praveen with respect to Priyank?

- a. 3rd to the left
- b. 2nd to the right
- c. 3rd to the right
- d. 4th to the left
- e. None of the above

Directions (41-45): Answer the questions based on the information given below.

Eight persons A, B, C, D, E, F, G and H sit around the rectangular table such that four persons sit on the corners while four sit on the sides. Persons at the sides face towards the centre while persons at the corners face away from the centre.

D does not sit adjacent to C or G. C sits third to the right of G. H faces towards the centre and sits opposite to B. D and A are immediate right of each other. F is not immediate left of G. E is not adjacent to C.

41) Who sits opposite to G?

- a. B
- b. D
- c. F
- d. A
- e. None of the above

42) Who sits to the immediate left of D?

- a. H
- b. B
- c. G
- d. Either (a) or (b)
- e. F

43) Find the odd one out.

- a. F
- b. E
- c. C
- d. D
- e. A

44) Who sits to the immediate right of G?

- a. E
- b. F
- c. B
- d. A
- e. D

45) Who sits opposite to E?

- a. A
- b. G
- c. C
- d. F
- e. None of the above

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Directions (46-50): Answer the questions based on the information given below.

Eight persons P, Q, R, S, T, U, V and W are sitting at the four corners and four sides of a rectangular table. The ones sitting at the corner of the table face away from the center and the one sitting in the middle of the sides of the table face towards the center. The names of the two persons sitting opposite to each other are not the succeeding or preceding letters of each other according to alphabetical series.

P sits to the immediate left to V, who sits at the corner of the table. Only one person sit between P and W. R sits immediate left of Q. P sits opposite to one of the immediate neighbors of R. T does not sit at any corner. U does not sit opposite to P.

46) Who sits opposite to U?

- a. Q
- b. R
- c. W
- d. S
- e. None of the above

47) Who sits second to the left of R?

- a. V
- b. W
- c. P
- d. S

e. None of the above

48) Who sits third to the right of U?

- a. W
- b. T
- c. S
- d. Q
- e. None of the above

49) Four of the following five are related to each other in some way and thus formed a group. Choose the one which does not belong to that group.

- a. Q
- b. W
- c. P
- d. U
- e. T

50) Which of the following persons are immediate neighbors of S?

- a. U and Q
- b. P and T
- c. T and W
- d. Q and V
- e. None of the above

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Answers with Explanations:

1. b

2. b

3. a (E sitting at corner and faces outwards)

4. d

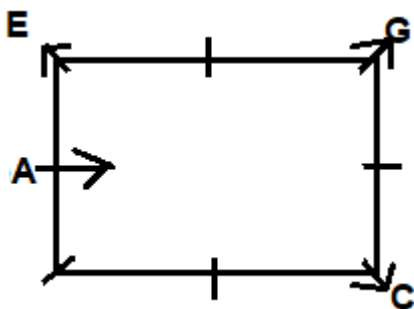
5. c

Solution 1-5

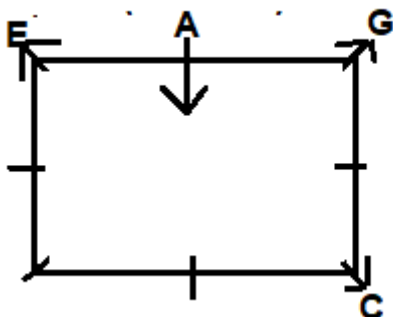
1. G sits at the corner of the table. Immediate neighbor of G sits second to the left of A.

2. C is not an immediate neighbor of G and A. C sits opposite to E who is not an immediate neighbor of G.

Case I:

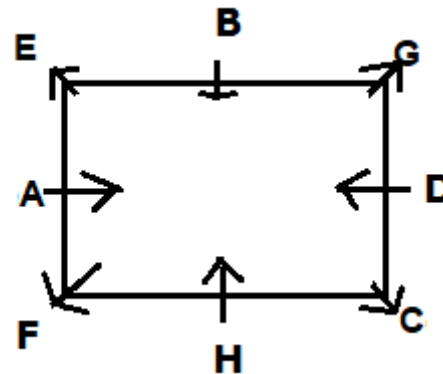


Case II:



3. B sits to the immediate right of E so, case II is invalid. H sits second to the left of D.

The final arrangement is as follows:



Answers

6. c

7. b

8. d (B is sitting at middle and faces outwards)

9. a

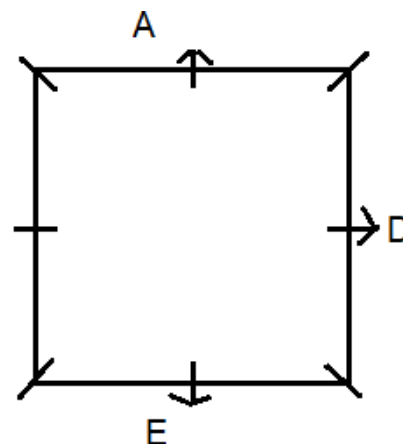
10. c

Solution 6-10

1. A sits opposite to E, who sits second to the right of D.

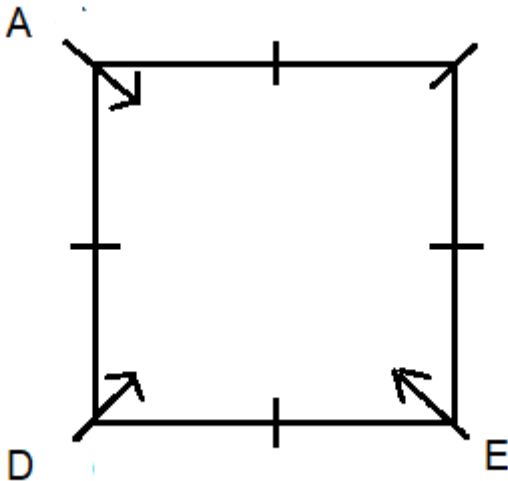
So, E can sit at the side or corner in order to make two cases.

Case 1:



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Case 2:



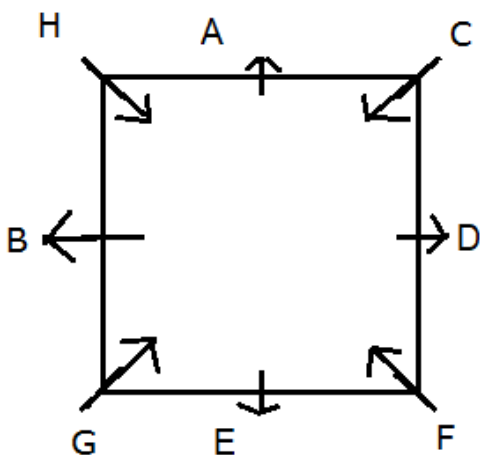
2. H sits immediate right of B, who sits at one of the sides.

3. G is not adjacent to D.

4. F does not sit at any side.

5. C does not sit immediate right of D.

So, case 2 is rejected as F cannot sit in the arrangement in case 2.



Answers

11. c

12. a

13. d

14. d

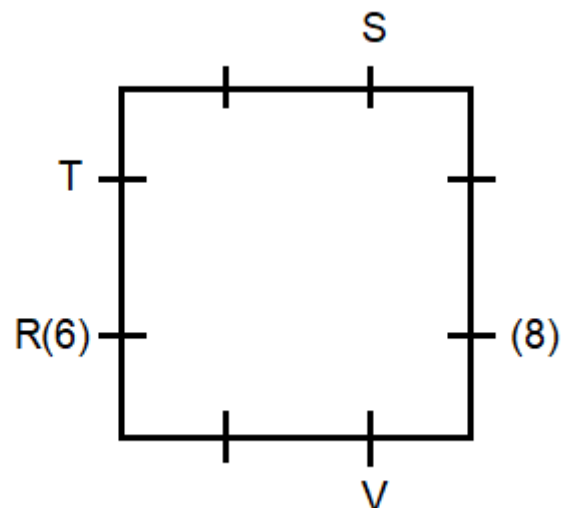
15. c

Solution 11-15

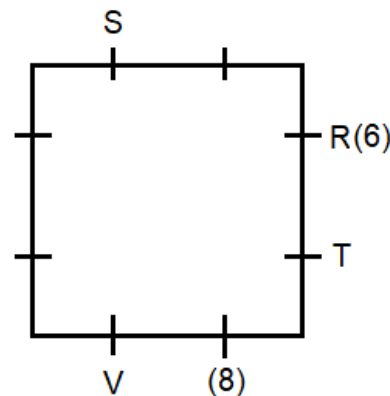
1. S sits opposite to V, who sits immediate left of one, who has 8 houses.

It means V and the one, who has 8 houses, can sit on same side or on the side adjacent to each other.

Case 1:



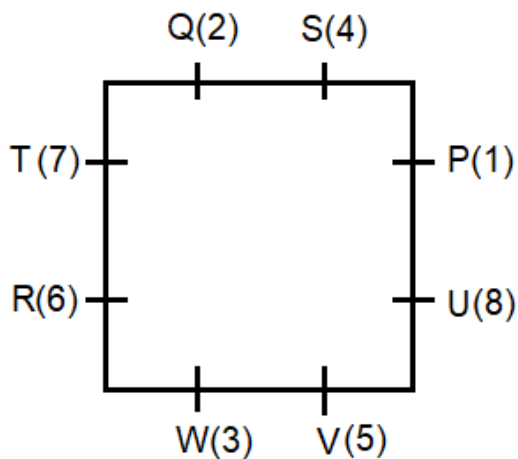
Case 2:



2. The one, who has 1 house, sits opposite to one, who has 7 houses.

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3. S has double number of houses than that of Q.
 4. P has lesser houses than that of Q.
 5. P sits adjacent to one, who has 4 houses.
 6. Q does not sit adjacent to V.
 7. W has odd number of houses.
 8. Person with 3 houses sits immediate left of V.
- So P, Q and S must have 1, 2 and 4 houses respectively.
So, case 2 is rejected. W must have 3 houses.



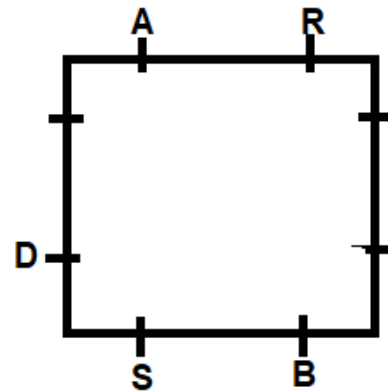
Answers

16. b
17. c
18. d
19. a
20. b (P and Q are not neighbors)

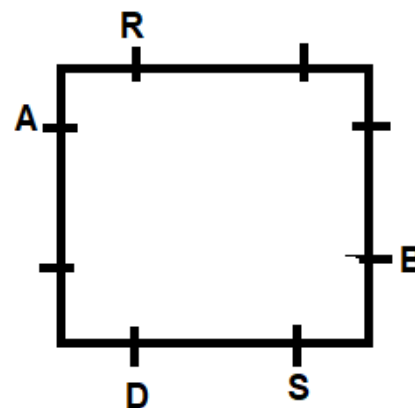
Solution 16-20

1. B sits to the immediate right of S.
2. Three persons sit between B and A.
3. R is an immediate neighbor of A. D sits third to the right of R.

Case I:



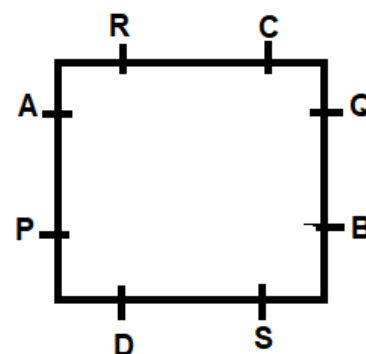
Case II:



4. Q and P are not immediate neighbors of each other.
5. Q and C do not sit on the same sides of the table. P and C are not an immediate neighbor of each other.

So, we can't fix the positions of Q and P and C in case I so, case I is invalid.

The final arrangement is as follows:



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Answers

21. b

22. d

23. a

24. c

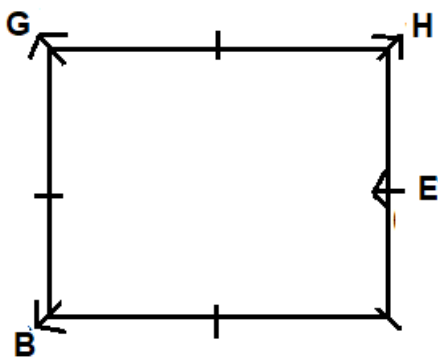
25. e (C is sitting at middle and faces inwards)

Solution 21-25

1. E sits 3rd to the right of G which means either G sits at the middle or corner of the table.

2. H sits immediate right of E. B sits opposite to H, who is sitting at the corner.

It means: H does not face towards the centre of the table which means H sits at the corner of the table so if H sits at the corner which means G also sits at the corner

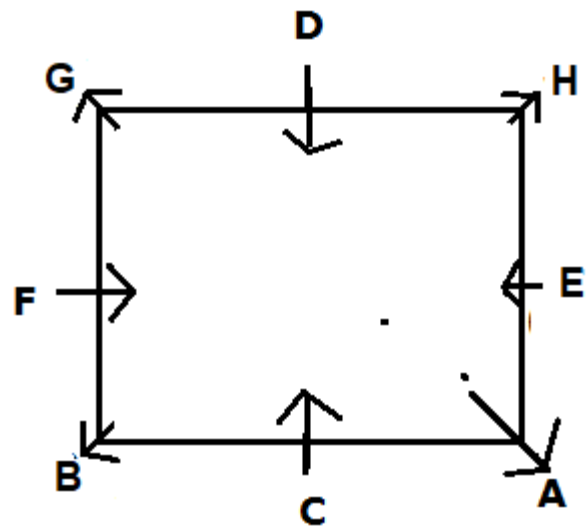


3. Two persons are sitting between A and F.

4. C who is an immediate neighbor of A, sits opposite to D.

So, C faces D which means C is sitting immediate left of B.

The final arrangement is as follows:



Answers

26. a

27. b

28. c

29. b (Anil sitting at corner and faces outwards)

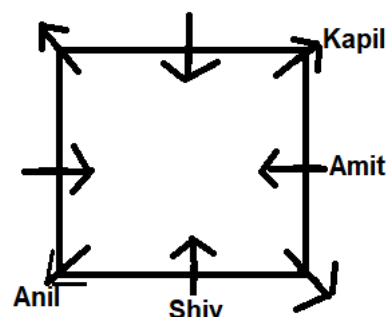
30. c

Solution 26-30

1. Kapil sits third to the right of Shiv, who faces towards the center.

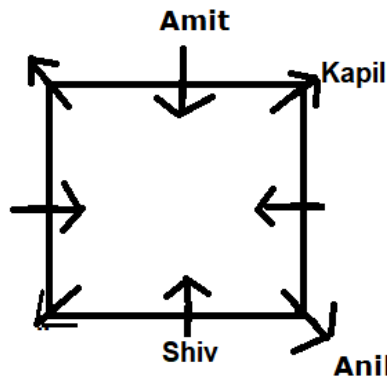
2. Amit sits third to the left of Anil, who does not sit in the middle of the sides.

Case I:



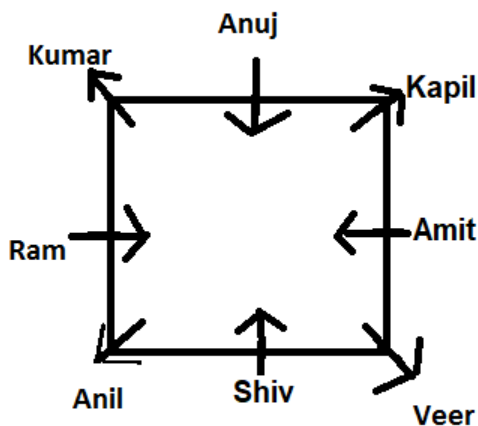
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Case II:



- Only one person sits between Amit and Anuj. Anuj is not an immediate neighbor of Anil.
- Ram faces towards the center.
- Veer is not an immediate neighbor of Anuj which is not possible in case II, so this case is invalid.

The final arrangement is as follows:



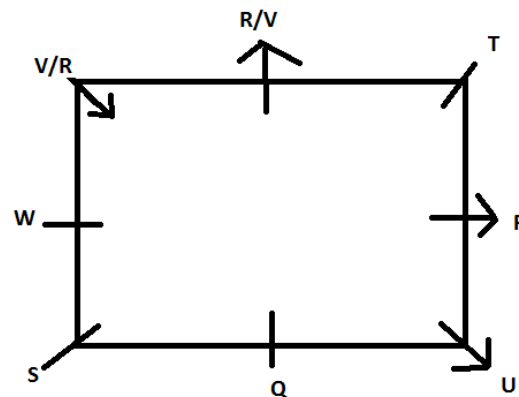
Answers

- b
- c
- a
- d
- d (either P or S)

Solution 31-35

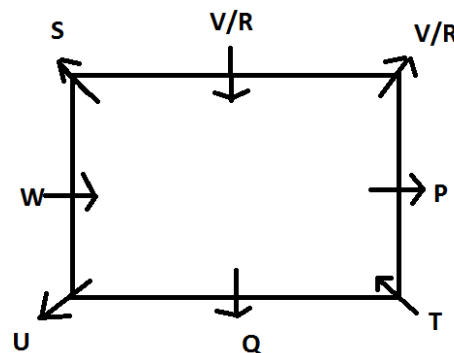
- Q is sitting 2nd to the right of P, who is facing away from the centre.
- Q is sitting adjacent to U, who is not sitting in the middle of any sides, i.e. P must be sitting in the middle of the side.
- S is sitting 2nd to the right of U but not adjacent to P, i.e. U must be facing away from the centre.
- W is not sitting at the corner of the table and sitting opposite to Q. T is not facing outside.
- Both V and R are sitting immediately left of each other.
- Immediate neighbors of W are facing the opposite direction of W.

Case 1: When U is sitting adjacent to P. Both T and S are facing the opposite direction, so this case is not possible.



Case 2: When U is sitting 3rd to the right of P.

The final arrangement is as follows:



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Answers

36. c (Priya sits at middle and faces outwards)

37. a

38. b

39. d

40. a

Solution 36-40

1. Pratik is sitting 2nd to the right of Pihu.

2. Payal is sitting 3rd to the right of Pratik.

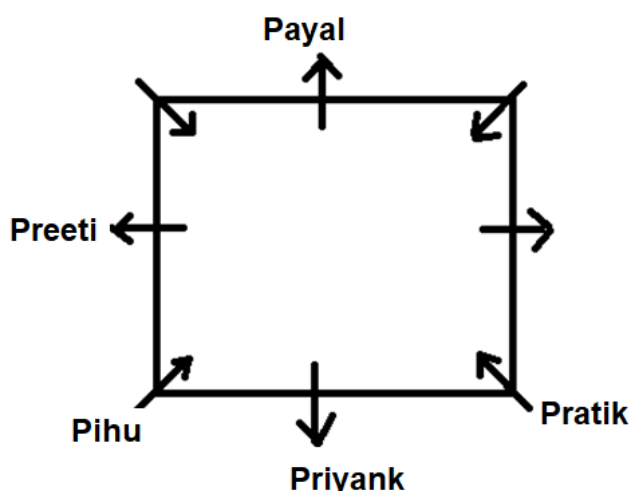
3. Preeti is sitting 2nd to the left of Payal.

4. One person is sitting between Preeti and Priyank.

5. Param is not sitting adjacent to Priya.

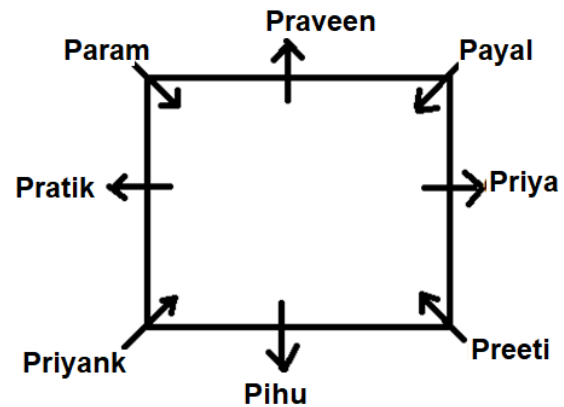
It means Payal is sitting opposite to Priyank and Preeti is sitting adjacent to Pihu.

Case 1: When Pihu is sitting at the corner. Neither Praveen nor Priya is facing the centre, so this case is not possible.



Case 2: When Pihu is sitting in the middle of the side.

The final arrangement is as follows:



Answers

41. d

42. d

43. e (A sits at middle and faces inwards)

44. b

45. c

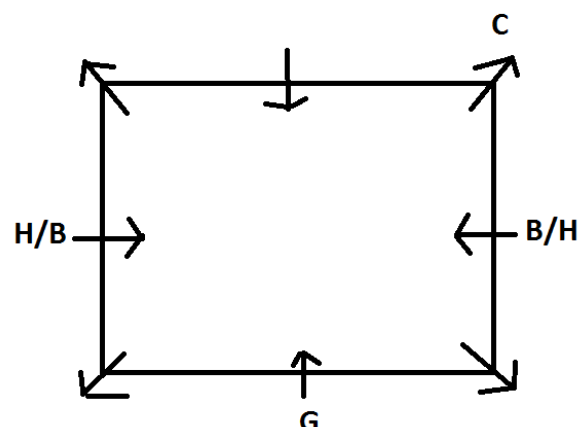
Solution 41-45

1. C sits third to the right of G.

2. H faces towards the centre and sits opposite to B.

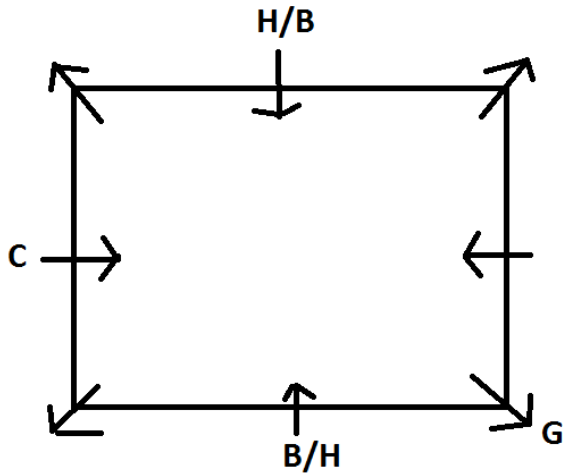
So, H and B must be sitting at the sides.

Case 1:

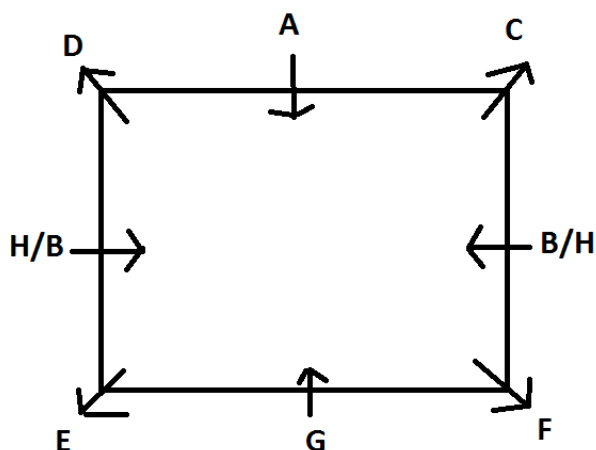


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Case 2:



3. D and A are immediate right of each other.
 4. D does not sit adjacent to C or G.
 5. F is not immediate left of G.
 6. E is not adjacent to C.
- So, case 2 is rejected as E cannot sit adjacent to C.



Answers

46. b
47. a
48. d

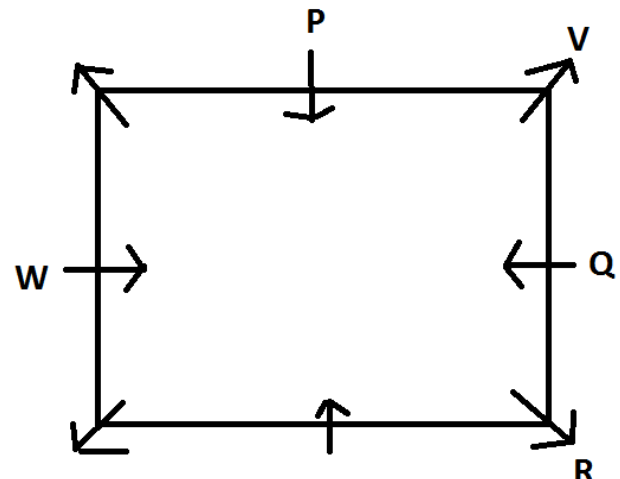
49. d (U sits at corner and faces outwards)

50. c

Solution 46-50

1. P sits immediate left to V, who sits at the corner of the table.
2. Only one person sit between P and W. R sits immediate left of Q.
3. P sits opposite to one of the immediate neighbors of R.

So, W either sits to the right or left of P but R sits immediate left of Q and one of the immediate neighbors of R sits opposite to P which is not possible when W sits to the left of P. So, W must be sitting to the right of P.

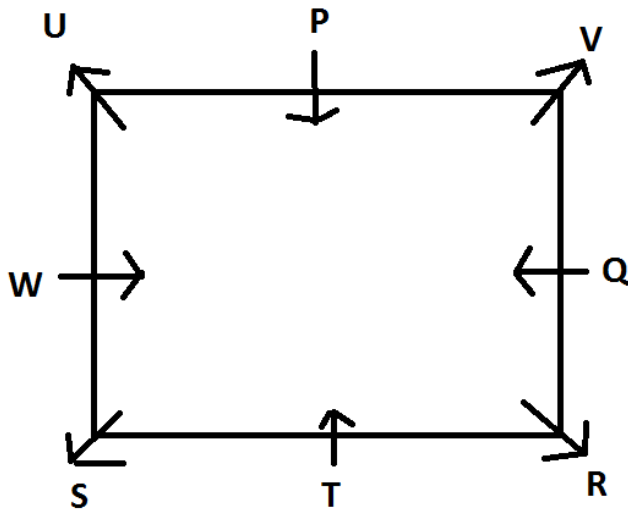


4. T does not sit at any corner. U does not sit opposite to P.

So, T must be sitting opposite to P. Also, S can't sit opposite to R which means U is sitting opposite to R.

The final arrangement is as follows:

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