

Seating Arrangement Questions Overview

Seating Arrangement Questions have a good weightage in the Banking Exam and the type of question asked in Banking exam is similar to the question mentioned below. It has been solved and explained by Gargi.ai Experts and they have tried to elaborate the concept used in Seating Arrangement Questions.

Seating Arrangement Questions

Direction: Read the given information carefully and answer the following questions. 20 people are sitting in two different rows containing six seats in each row. People sitting in both rows face each other. 12 people sit in these rows and the remaining 8 people are standing behind random 8 seats. Each seat is allotted a chest number ranging from 20 to 31 but not necessarily in the same order. J and D stand opposite each other. X stands diagonally opposite the seat behind which Q stands. One person sits between the seats behind which Z and C stand. Three people sit between the sits, behind which S and F stand. The seat, whose chest number is 23, is second to the right of the seat, whose chest number is 24, and the immediate right of the seat whose seat number is 25. E sits to the left of M and opposite W, who sits on the seat, whose chest number is 7 more than the chest number of the seat on which T sits. R sits near the seat, whose chest number is 29, and to the left of L, who does not sit near U. The difference between the chest numbers of the seats on which K and O sit, is 5. T sits third to the right of O. P sits diagonally opposite G. Two people sit between the seats, whose chest numbers are 30 and 26. U sits fourth to the right of V, who is not facing the north direction. Two people sit between the seats behind which Q and J stand. Two people sit between the seats behind which C and X stand. Z stands behind the seat, which is diagonally opposite the seat behind which F stands. S stands behind the seat, whose chest number is a perfect square. The seat whose chest number is 20 is to the left of the seat, whose chest number is 21 but does not face south. The difference between the chest numbers of the seats on which L and M sit is 3. The seats with chest numbers 27 and 29 are opposite each other. The seat, whose chest number is 22, is near T. Four people sit between P and the seat, whose chest number is 31. Three people sit between G and K, who sits near the seat, whose chest number is 26. The seat, whose chest number is 30, is opposite U.

Question

What is the sum of the chest numbers of the seats on which T and W sit?

Difficulty : Moderate

Average Time : 139 Seconds

Options :

1. 55
2. 61

47

4. 49

5. None of these

Solution

The correct answer is **Option 4** i.e 49

Understanding	Application
<p>1. U sits fourth to the right of V, who is not facing the north direction.</p> <p>2. The seat, whose chest number is 30, is opposite U.</p> <p>3. Two people sit between the seats, whose chest numbers are 30 and 26.</p> <p>4. Three people sit between G and K, who sits near the seat, whose chest number is 26.</p> <p>5. P sits diagonally opposite G.</p>	<p>Case -1</p> <p>U P V</p> <p>G (30) K (26)</p> <p>Case -2</p> <p>U V P</p> <p>G (30) K (26)</p>

6. Four people sit between P and the seat, whose chest number is 31.

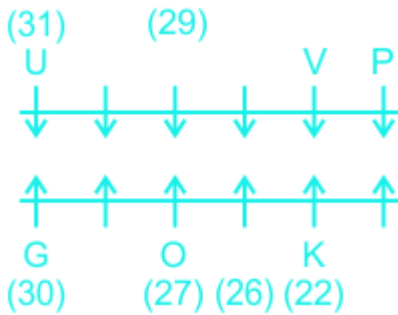
(Here, case 1 will be eliminated and we will continue with case 2)

7. T sits third to the right of O.

8. The seat, whose chest number is 22, is near T.

9. The difference between the chest numbers of the seats on which K and O sit, is 5.

10. The seats with chest numbers 27 and 29 are opposite each other.



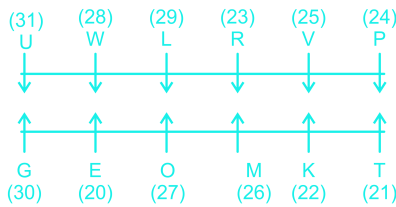
11. R sits near the seat, whose chest number is 29, and to the left of L, who does not sit near U.

12. The difference between the chest numbers of the seats on which L and M sit, is 3.

13. E sits to the left of M and opposite W, who sits on the seat, whose chest number is 7 more than the chest number of the seat on which T sits.

14. The seat whose chest number is 20 is to the left of the seat, whose chest number is 21 but does not face south.

15. The seat, whose chest number is 23, is second to the right of the seat, whose chest number is 24, and the immediate right



16. S stands behind the seat, whose chest number is a perfect square.

17. Three people sit between the sits, behind which S and F stand.

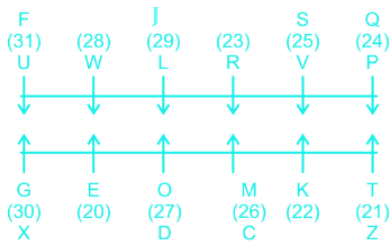
18. Z stands behind the seat, which is diagonally opposite the seat behind which F stands.

19. One person sits between the seats behind which Z and C stand.

20. Two people sit between the seats behind which C and X stand.

21. X stands diagonally opposite the seat behind which Q stands.

22. Two people sit between the seats behind which Q and J stand.



Hence the correct answer is **49**.