

Puzzle Questions Overview

Puzzle 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 Puzzle Questions.

Puzzle Questions

Direction: Read the given information carefully and answer the following questions. 8 people L, M, N, O, P, Q, R, and S book their train tickets in 4 different months May, June, July, and August on 2 different dates 9 and 16 but not necessarily in the same order. S books the ticket in the month having 30 days and two persons book the ticket between S and R. R books the ticket after S. L books the ticket on the same date as R but he booked neither in May nor in August. The number of persons booked after L is the same as before O. The number of persons booked between L and R is one more than between S and N, who books after Q. M and Q book their tickets on the same date.

Question

How many people book a train ticket between N and R?

Difficulty : Moderate

Average Time : 67 Seconds

Options :

1. Same as the number of people who book a ticket after M
2. Same as the number of people who book a ticket before Q
3. Same as the number of people who book a ticket after O
4. Same as the number of people who book a ticket before S
5. Same as the number of people who book a ticket after P

Solution

The correct answer is **option 3** i.e. **Same as the number of people who book a ticket after O.**

1. S books the ticket in the month having 30 days and two persons book the ticket between S and R. R books the ticket after S. (Here, we have two Cases i.e. Case 1 and Case 2)
2. L books the ticket on the same date as R but he booked neither in May nor in August.

Months	Dates	Case 1	Case 2
May (31)	9		
	16		
June (30)	9	S	
	16	L	S
July (31)	9		L
	16	R	
August (31)	9		R
	16		

3. The number of persons booked after L is the same as before O.

Now, we can eliminate case 2. (as there is no vacant position for O)

Months	Dates	Case 1
May (31)	9	
	16	
June (30)	9	S
	16	L
July (31)	9	O
	16	R
August (31)	9	
	16	

4. The number of persons booked between L and R is one more than between S and N, who books after Q.

Months	Dates	Case 1
May (31)	9	Q
	16	N
June (30)	9	S

	16	L
July (31)	9	O
	16	R
August (31)	9	
	16	

5. M and Q book their tickets on the same date. (i.e. M books a ticket on 9)

(So, the remaining person P books a train ticket on 16 August)

Months	Dates	Case 1
May (31)	9	Q
	16	N
June (30)	9	S
	16	L
July (31)	9	O
	16	R
August (31)	9	M
	16	P

This is our final arrangement.

Clearly, Same as the number of people who book a ticket after O i.e. 3 people book a ticket between N and R.

Hence, the correct answer is "**Same as the number of people who book a ticket after O**".