

Puzzle Test Questions for CLAT Exam.

CLAT Reasoning Quiz 47

Directions: Read the given information carefully and answer the questions given beside:

There are six officers Aditya, Raman, Arbind, Kishore, Mohan and Rajan who work in three different departments of Central Government, viz Income Tax Department, Sales Tax Department and Customs Department. Out of these six, three officers work in Income Tax Department, two in Sales-Tax Department and one in Customs Department. Each officer has one city as his jurisdiction. Three officers work in Agra, two in Kanpur and one in Lucknow.

No Income Tax officer has Kanpur as his jurisdiction.

Two Sales Tax officers work in different cities.

The Income Tax officer works in Lucknow.

Arbind, who is not in Sales Tax department, works in Kanpur.

Aditya does not have Agra as his jurisdiction and he does not work in Income Tax department.

Mohan and Rajan work in different departments.

Raman and Kishore are officers in the same department but in different cities.

Mohan does not work in Income Tax Department and Kishore does not have Lucknow as his jurisdiction.

1. The Sales Tax officers work in which of the following cities?

A. Agr <mark>a</mark> ,	Lucknow	B. Lucknow, Kanpur	C. Kanpur, Agra	D. Can't be determined
2. Ram	h <mark>an and K</mark> ish	ore work in which of the follow	ving departments?	
	ne Tax Departı r Sales Tax or I	ment ncome Tax Department	B. Either Custom or Income D. Custom Department	Tax Department
3. Whi	ich of the fol	llowing is/are not correct?		
II. Both		and Arbind work in Income Tax I ax officers work in Agra. n Lucknow.	Department.	
A. Only D. Can't	I and II be determine	B. Only II and III d	C. None of I, II and III is true	
	o among the ra and Arbind	e following work in Kanpur? B. Raman and Arbind	C. Aditya and Kishore	D. Mohan and Rajan
5. Wh	o among the	following works in Lucknow?		
A. Custo	om officer	B. Income Tax officer	C. Mohan	D. Aditya

Correct Answers:

1	2	3	4	5
С	А	С	А	В

Common explanation:

Step 1.

<u>References</u>

...Arbind, who is not in Sales Tax Department, works in Kanpur...

...Aditya does not have Agra as his jurisdiction and he does not work in Income Tax Department...

...Mohan does not work in Income Tax Department and Kishore does not have Lucknow as his jurisdiction...

Department	Name	City
^x Income Tax	Aditya	[×] Agra
	Raman	
[×] Sales Tax [×] Income Tax	Arbind	Kanpur
	Kishore	[×] Lucknow
^x Income Tax	Mohan	
	Rajan	1

Step 2.

References

...Out of these six, three officers work in Income Tax Department, two in Sales Tax Department and one in Customs Department...

Department	Name	City
[×] Income Tax	Aditya	[×] Agra
Income Tax	Raman	
Customs	Arbind	Kanpur
Income Tax	Kishore	[×] Lucknow
[×] Income Tax	Mohan	
Income Tax	Rajan	

Step 3.

References

... Two Sales Tax officers work in different cities...

...No Income Tax officer has Kanpur as his jurisdiction...

Department Name		City
Sales Tax	Aditya	^x Agra Kanpur
Income Tax	Raman	<mark>X</mark> Kanpur
Customs	Arbind	Kanpur
Income Tax	Kishore	[×] Lucknow [×] Kanpur Agra
Sales Tax	Mohan	Agra
Income Tax	Rajan	[×] Kanpur

Step 4.

References

...Raman and Kishore are officers in the same department but in different cities...

... The Income Tax officer works in Lucknow...

Department	Name	City
Sales Tax	Aditya	Kanpur
Income Tax	Raman	Lucknow
Customs	Arbind	Kanpur
Income Tax	Kishore	Agra
Sales Tax	Mohan	Agra
Income Tax	Rajan	Agra

Answers :

1. By referring to the final seating arrangement chart, we get

Department	Name	City
Sales Tax	Aditya	Kanpur
Income Tax	Raman	Lucknow
Customs	Arbind	Kanpur
Income Tax	Kishore	Agra
Sales Tax	Mohan	Agra
Income Tax	Rajan	Agra

We can clearly observe that Sales Tax officers work in Kanpur and Agra. Hence, option C is correct.

2. By referring to the final seating arrangement chart, we get

Department	Name	City
Sales Tax	Aditya	Kanpur
Income Tax	Raman	Lucknow
Customs	Arbind	Kanpur
Income Tax	Kishore	Agra
Sales Tax	Mohan	Agra
Income Tax	Rajan	Agra

We can clearly observe that Raman and kishore work in Income tax department. Hence, option A is correct.

3. By referring to the final seating arrangement chart, we get

	Department	Name	City
	Sales Tax	Aditya	Kanpur
	Income Tax	Raman	Lucknow
$\{ \boldsymbol{u}_{i_1,\ldots,i_n} \}$	Customs	Arbind	Kanpur
	Income Tax	Kishore	Agra
_	Sales Tax	Mohan	Agra
	Income Tax	Rajan	Agra

We can clearly observe that none of the statement is true. Hence, option C is correct.

4. By referring to the final seating arrangement chart, we get

Department	Name	City
Sales Tax	Aditya	Kanpur
Income Tax	Raman	Lucknow
Customs	Arbind	Kanpur
Income Tax	Kishore	Agra
Sales Tax	Mohan	Agra
Income Tax	Rajan	Agra

We can clearly observe that Aditya and Arbind work in Kanpur. Hence, option A is correct. **5.** By referring to the final seating arrangement chart, we get

Department	Name	City
Sales Tax	Aditya	Kanpur
Income Tax	Raman	Lucknow
Customs	Arbind	Kanpur
Income Tax	Kishore	Agra
Sales Tax	Mohan	Agra
Income Tax	Rajan	Agra

We can clearly observe that Raman who is an income tax officer works in Lucknow. Hence, option B is correct.

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