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Puzzle Test Questions for IBPS PO Pre, SBI PO Pre, IBPS Clerk Mains, SBI Clerk Mains, IBPS SO Pre and RRB Scale I Pre Exams.

Set No 60

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

There are seven teachers Gaurav, Rajesh, Vasant, Sanjay, Daneil, Mahadev and Jaipriya taking class on different subjects Tamil, English, Zoology, Botany, Physics, Chemistry and Social Science on different days starting from Monday to Sunday. All the above information is not necessarily in the same order.

Rajesh takes Botany class on Tuesday. There are more than two classes between the classes of Botany and Zoology. Sanjay and Gaurav are not taking either Tamil class or Social Science class. There is a gap of one day between Tamil class and Social Science class. Two persons take class between Mahadev and Sanjay. Neither Mahadev nor Sanjay takes class on either Sunday or Monday. Number of classes above and below is same for the subjects of English and Chemistry respectively. Jaipriya does not take Tamil class. Daniel and Gaurav are not taking classes immediately before or immediately after Sanjay. Gaurav and Jaipriya are taking class on adjacent days. English class was held on last day.

1. How many persons take class between Gaurav and Daniel?

- A. None B. One C. Two D. Three E. Four

2. Who amongst the following takes class exactly between Daniel and Jaipriya?

- A. The one who takes class on Thursday B. The one who takes Zoology class
C. The one who takes Class on Tuesday D. The one who takes Tamil Class
E. Cannot be determined

3. If all the persons are arranged in the alphabetical order as per their names from Monday to Sunday, then who take the Tamil class and Social Science respectively?

- A. Mahadev and Rajesh B. Jaipriya and Sanjay C. Rajesh and Jaipriya D. Jaipriya and Rajesh
E. Mahadev and Jaipriya

4. Which of the following combinations is true?

- A. Jaipriya-Social Science-Thursday B. Daniel-Sunday-English
C. Gaurav-Physics-Thursday D. Vasant-Saturday-Zoology
E. Sanjay-Zoology-Friday

5. Who among the following takes class exactly in the middle of the week starting from Monday and ending on Sunday?

- A. Vasant B. Gaurav C. Rajesh D. Either Daniel or Sanjay E. None of these

Correct Answers:

1	2	3	4	5
C	D	D	C	B

Common explanation:

References

There are seven teachers Gaurav, Rajesh, Vasant, Sanjay, Daneil, Mahadev and Jaipriya are taking class in different subjects Tamil, English, Zoology, Botany, Physics, Chemistry and Social Science on different days starting from Monday to Sunday.

Rajesh takes Botany class on Tuesday.

English class was held on last day.

There are more than two classes between the Botany and Zoology.

Number of classes above and below is same for the subjects of English and Chemistry respectively.

There are two persons taking class between Mahadev and Sanjay.

Neither Mahadev nor Sanjay takes class on either Sunday or Monday.

Inferences

From above statements, we get the initial table as follows,

- Given, Classes are starting from Monday to Sunday. So based on that we form a table as shown.
- There are more than two classes between the Botany and Zoology. [So, the Zoology class must have held on Saturday (only possibility) & Botany class held on Tuesday. Therefore three classes held in between].
- As per given condition, English class was held on Sunday & Chemistry class was held on Monday, so in between 6 classes each.
- Either Mahadev or Sanjay takes class on Wednesday or Saturday (two possibilities)

Based on the above information, we get two cases as follows,

Case: 1			Case: 2		
Days	Teachers	Subjects	Days	Teachers	Subjects
Monday	Mahadev/Sanjay	Chemistry	Monday	Mahadev/Sanjay	Chemistry
Tuesday	Rajesh	Botany	Tuesday	Rajesh	Botany
Wednesday	Mahadev		Wednesday	Sanjay	
Thursday			Thursday		
Friday			Friday		
Saturday	Sanjay	Zoology	Saturday	Mahadev	Zoology
Sunday	Mahadev/Sanjay	English	Sunday	Mahadev/Sanjay	English

References

Gaurav and Jaipriya are taking class on adjacent days.

Sanjay and Gaurav are not taking either Tamil class or Social Science class.

There is a gap of one day between Tamil class and Social Science class.

Jaipriya does not take Tamil class.

Inferences

From above statements, following can be inferred:

- Gaurav and Jaipriya are taking class on adjacent days but not necessarily in the same order.
- Only possibility in both cases is, either Gaurav or Jaipriya takes class on Thursday or Friday.
- Similarly, Tamil or Social Science class held on either Wednesday or Friday. [Given, one gap in between].
- Note: Gaurav, Sanjay and Jaipriya are not taking Tamil Class. Therefore Tamil class was held on Wednesday and Social Science class was held on Friday.
- Similarly, Sanjay and Gaurav are not taking either Tamil class or Social Science class.
- So clearly, we get that Sanjay takes Zoology class on Saturday & Jaipriya takes Social Science class on Friday. Thus we get the following table as shown.

Case: 1			Case: 2 [Eliminated] No place left to locate Tamil Class		
Days	Teachers	Subjects	Days	Teachers	Subjects
Monday		Chemistry	Monday		Chemistry
Tuesday	Rajesh	Botany	Tuesday	Rajesh	Botany
Wednesday	Mahadev	Tamil	Wednesday	Sanjay	Tamil - X
Thursday	Gaurav		Thursday	Gaurav	Tamil - X
Friday	Jaipriya	Social Science	Friday	Jaipriya	Social Science
Saturday	Sanjay	Zoology	Saturday	Mahadev	Zoology
Sunday		English	Sunday		English

References

Daniel and Gaurav are not taking classes immediately before or immediately after Sanjay.

Inferences

From above statements, we can infer the following:

- Remaining only subject is Physics and it was taken by Gaurav on Thursday.
- Daniel doesn't take class on immediately after Sanjay. Therefore Daniel takes Chemistry class on Monday.
- Finally, Vasant takes English class on Sunday.

Thus we get the final completed table as follows,

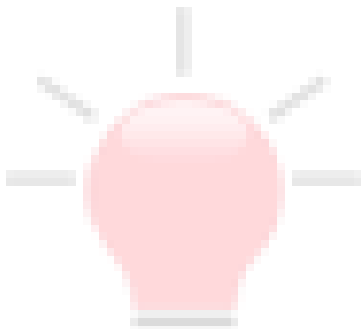
Case: 1		
Days	Teachers	Subjects
Monday	Daniel	Chemistry
Tuesday	Rajesh	Botany
Wednesday	Mahadev	Tamil
Thursday	Gaurav	Physics
Friday	Jaipriya	Social Science
Saturday	Sanjay	Zoology
Sunday	Vasant	English

Answers :

1. The following common explanation, we get **"Two classes"**.
Hence, option C is correct.
2. From the following common explanation, we get that **"The one who takes Tamil Class"** is exactly in **between Daniel and Jaipriya..**

Daniel-Monday & Jaipriya-Friday
Exact Middle, between Monday and Friday is Wednesday.
Wednesday-Mahadev-Tamil class
Hence, option D is correct.

3. The following common explanation, we get **"Jaipriya-Tamil & and Rajesh- Social Science"**.
Alphabetical order:



Case: 1		
Days	Teachers	Subjects
Monday	Daniel	Chemistry
Tuesday	Gaurav	Botany
Wednesday	Jaipriya	Tamil
Thursday	Mahadev	Physics
Friday	Rajesh	Social Science
Saturday	Sanjay	Zoology
Sunday	Vasant	English

Hence, option D is correct.

4. The following common explanation, we get **"Gaurav-Physics-Thursday"** is the only right combination.
Hence, option C is correct.
5. Clearly, it's Thursday that comes exactly middle in the week and it's **Gaurav** who takes classes on Thursday.
Option B is hence the correct answer.



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