



Friends!

We Used **Smartkeeda** and cracked Bank Exams

बैंक परीक्षाओं के लिए निश्चित रूप से

सर्वश्रेष्ठ मॉक टेस्ट सीरीज



Soumyadip Biswas
IBPS PO 2023



Dhairya Gaur
RRB PO 2023



Tiyasa Roy
IBPS Clerk & PO 2023



MD. Shaban
IBPS PO & Clerk 2023



Bhavana Padaliya
IBPS Clerk & PO 2023



Kajol Wadhvani
IBPS PO & Clerk 2023



Eshu Singh
SBI PO 2023



Sachin Rai
IBPS PO & Clerk 2023



Sudheer Jangid
RRB Clerk 2023



Vrinda Agarwal
SBI PO 2023



Shreya Mahendra Moon
IBPS PO 2023



Ansh Gulati
IBPS PO & Clerk 2023
SBI PO & RRB Clerk 2023

It's Your Turn Now
Take A Free Mock Test

USE CODE

FEST24 for 10% OFF

Puzzle test for SBI PO Mains, IBPS PO Mains and RBI Grade B Exams.

PT Set No 169

Directions: Study the following information carefully and answer the questions given beside.

Seven persons with different symptoms of COVID-19 among Dry cough, Sneezing, Fever, Sore throat, Headache, Body aches and Shortness of breath were in home quarantine for different number of days among 14, 16, 20, 22, 25, 32 and 41. Each of them lives in different type of houses among Cottage, Mansion, Chalet, Apartment, Castle, Detached and Bungalow. All the above information is not necessarily in the same order.

The one, who was in quarantine for highest number of days, was lives in Cottage. J was in quarantine for 6 days less than the one, who has "Fever". K has "Sore throat" and he lives in Apartment. The one has "Body aches", was in quarantine for ____ (III) number of days, which is more than H. H lives in Bungalow. F doesn't live in Cottage. ____ (I) lives in Detached house. G has "Headache" and he lives in Castle. Difference in the number of quarantine days of G and L is 10. The one, who was in quarantine for 22 days, has ____ (IV) symptom. Neither K nor H was in quarantine for lowest number of days. ____ (II) was in quarantine for second highest number of days. Difference in the number of quarantine days of F and H is more than 4. K was in quarantine for less number of days than F. Difference in the number of quarantine days of the one, who has "Dry cough", and the one, who has "Shortness of breath" is ____ (V). J has "Sneezing" and he lives in Mansion. Neither L nor H has "Dry cough". E doesn't have either "Body aches" or "Shortness of breath" H doesn't have Fever. The one, who lives in Chalet, was in quarantine for more days than the one, who lives in Detached house.

1. Which among the following person will fill blank (I)?

- | | | |
|-------------------------------|--|------|
| A. L | B. The one who has shortness of breath | C. F |
| D. The one who has Body aches | E. None of the above | |

2. Which among the following person will fill blank (II)?

- | | | |
|--|--------------------------------------|------|
| A. G | B. The one who lives in Chalet house | C. H |
| D. The one who lives in Detached house | E. None of the above | |

3. Which among the following days will fill blank (III)?

- | | | | | |
|------------|------------|------------|------------------|------------------|
| A. 41 days | B. 22 days | C. 32 days | D. Either A or B | E. Either B or C |
|------------|------------|------------|------------------|------------------|

4. Which among the following symptom will fill blank (IV)?

- | | | | | |
|------------------------|---------------|----------|-------------|----------------------|
| A. Shortness of breath | B. Body aches | C. Fever | D. Headache | E. None of the above |
|------------------------|---------------|----------|-------------|----------------------|

5. Which among the following days will fill blank (V)?

- | | | | | |
|------------|------------|------------|------------|------------------------|
| A. 16 days | B. 11 days | C. 21 days | D. 27 days | E. Can't be determined |
|------------|------------|------------|------------|------------------------|

Correct Answers:

1	2	3	4	5
C	B	C	D	A



Smartkeeda
The Question Bank

www.smartkeeda.com | testzone.smartkeeda.com

SBI | RBI | IBPS | RRB | SSC | NIACL | EPFO | UGC NET | LIC | Railways | CLAT | RJS



[Join us](#)

Common explanation :

References:

Seven persons with different symptoms of COVID-19 among Dry cough, Sneezing, Fever, Sore throat, Headache, Body aches and Shortness of breath were in home quarantine for different number of days among 14, 16, 20, 22, 25, 32 and 41.

Each of them lives in different type of houses among Cottage, Mansion, Chalet, Apartment, Castle, Detached and Bungalow.

All the above information is not necessarily in the same order.

Inferences:

From above statements

Keep all above information in mind while solving this puzzle.

References:

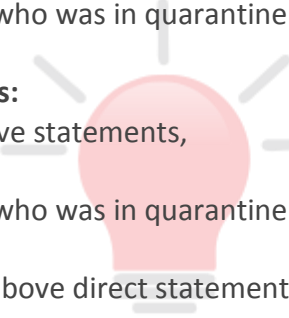
The one, who was in quarantine for highest number of days, was lives in Cottage.

Inferences:

From above statements,

The one, who was in quarantine for 41 days (highest number), was lives in Cottage.

By using above direct statement we get the initial table as shown,



Days	Persons	Symptoms	House
41			Cottage
32			
25			
22			
20			
16			
14			

References:

J was in quarantine for 6 days less than the one, who has "Fever".

J has "Sneezing" and he lives in Mansion.

Inferences:

From above statements,

To satisfy the 1st ref point we have two possible combinations i.e. (22, 16) and (20, 14). Thus we get two possible cases as shown,

Case-1: Here the one, who has “Fever”, was in quarantine for 22 days and J was in quarantine for 16 days (22-6=16 days)

Case-2: Here the one, who has “Fever”, was in quarantine for 20 days and J was in quarantine for 14 days (20-6=14 days)

By using above information we get the following table,

Case-1				Case-2			
Days	Persons	Symptoms	House	Days	Persons	Symptoms	House
41			Cottage	41			Cottage
32				32			
25				25			
22		Fever		22			
20				20		Fever	
16	J	Sneezing	Mansion	16			
14				14	J	Sneezing	Mansion

References:

Difference in the number of quarantine days of G and L is 10.

G has “Headache” and he lives in Castle.

Inferences:

From above statements,

To satisfy the 1st ref point we have only possible combination i.e. (32, 22)

Case-1: Given G has “Headache”. This implies that G was not in quarantine for 22 days as per case-1 arrangement. Thus L was in quarantine for 22 days and G was in quarantine for 32 days, only possibility and the arrangement is shown below,

Case-1			
Days	Persons	Symptoms	House
41			Cottage
32	G	Headache	Castle
25			
22	L	Fever	
20			
16	J	Sneezing	Mansion
14			

Case-2: If L was in quarantine for 22 days and G was in quarantine for 32 days (OR) vice versa. Thus we have 2 possibilities for case-2 & the arrangement is shown below,

Case-2				Case-2-A			
Days	Persons	Symptoms	House	Days	Persons	Symptoms	House
41			Cottage	41			Cottage
32	G	Headache	Castle	32	L		
25				25			
22	L			22	G	Headache	Castle
20		Fever		20		Fever	
16				16			
14	J	Sneezing	Mansion	14	J	Sneezing	Mansion

References:

F doesn't live in Cottage.

K was in quarantine for less number of days than F.

Neither K nor H was in quarantine for lowest number of days.

K has "Sore throat" and he lives in Apartment.

H lives in Bungalow.

H doesn't have Fever.

Difference in the number of quarantine days of F and H is more than 4.

Inferences:

From above statements,

Given, F doesn't live in Cottage. This implies that F was not in quarantine for 41 days as per all the above 3 cases.

Case-1:

→ If F was in quarantine for 20 days, then K was in quarantine for 14 days (using ref point-2 i.e. $F > K$). But also given K was not in quarantine for 14 days (lowest number of days, using ref point-3). **Hence this possibility becomes invalid.**

Therefore F must be in quarantine for 25 days and K must be in quarantine for 20 days i.e. $F > K$, only possibility. Given, K has "Sore throat" and he lives in Apartment.

Now given, H lives in Bungalow & H was not in quarantine for 14 days (lowest number of days, using ref point-3). Simultaneously these conditions are not possible in this arrangement. **Hence case-1 gets eliminated.**

Case-1 [Eliminated]			
Days	Persons	Symptoms	House
41	F		Cottage
32	G	Headache	Castle
25	F		
22	L	Fever	
20	K	Sore throat	Apartment
16	J	Sneezing	Mansion
14	K/H		

Case-2 & Case-2-A:

→ If F was in quarantine for 25 days, then K was in quarantine for 16 days, only possibility since K has “Sore throat” (using ref point-2 & 4 i.e. $F > K$).

Now given, H lives in Bungalow & H doesn't have Fever. Simultaneously these conditions are not possible in these two arrangements. **Hence this possibility becomes invalid as shown.**

Case-2 (1 st possibility), Invalid				Case-2-A (1 st possibility), Invalid			
Days	Persons	Symptoms	House	Days	Persons	Symptoms	House
41	F		Cottage	41	F		Cottage
32	G	Headache	Castle	32	L		
25	F			25	F		
22	L			22	G	Headache	Castle
20	H	Fever		20	H	Fever	
16	K	Sore throat	Apartment	16	K	Sore throat	Apartment
14	J	Sneezing	Mansion	14	J	Sneezing	Mansion

Therefore F must be in quarantine for 20 days and K must be in quarantine for 16 days (applicable for both cases)

Given, K has “Sore throat” and he lives in Apartment. H lives in Bungalow.

Thus H must be in quarantine for 25 days, only possibility for both cases.

Difference in the number of quarantine days of F and H is more than 4 (i.e. $F=20$ days, $H=25$ days, difference $25-20=5$ days, condition satisfied)

By using all above information we get the following arrangement,

Case-2				Case-2-A			
Days	Persons	Symptoms	House	Days	Persons	Symptoms	House
41	F		Cottage	41	F		Cottage
32	G	Headache	Castle	32	L		
25	H		Bungalow	25	H		Bungalow
22	L			22	G	Headache	Castle
20	F	Fever		20	F	Fever	
16	K	Sore throat	Apartment	16	K	Sore throat	Apartment
14	J	Sneezing	Mansion	14	J	Sneezing	Mansion

References:

The one, who lives in Chalet, was in quarantine for more days than the one, who lives in Detached house.

Neither L nor H has “Dry cough”.

The one has “Body aches”, was in quarantine for ____ (III) number of days, which is more than H.

Inferences:

From above statements,

Case-2: Here L and F lives in Chalet and Detached houses respectively since L was in quarantine for 22 days & F was in quarantine for 20 days, only possibility (ref point-1)

Given, Neither L nor H has “Dry cough”. This implies that the one, who was in quarantine for 41 days, has “Dry cough”, only possibility.

Given, the one has “Body aches”, was in quarantine for ____ (III) number of days, which is more than H. This statement is not possible in this arrangement. **Hence this case-2 gets eliminated.**

Case-2-A: Here L and F lives in Chalet and Detached houses respectively since L was in quarantine for 32 days & F was in quarantine for 20 days, only possibility (ref point-1)

Given, Neither L nor H has “Dry cough”. This implies that the one, who was in quarantine for 41 days, has “Dry cough”, only possibility.

Given, the one has “Body aches”, was in quarantine for ____ (III) number of days, which is more than H i.e. L must have “Body aches” since L was in quarantine for 32 days and H was in quarantine for 25 days ($L > H$, only possibility)

By using all above information we get the following arrangement,

Case-2 [Eliminated] “Body aches” > H, not possible				Case-2-A			
Days	Persons	Symptoms	House	Days	Persons	Symptoms	House
41		Dry cough	Cottage	41		Dry cough	Cottage
32	G	Headache	Castle	32	L	Body aches	Chalet
25	H		Bungalow	25	H		Bungalow
22	L		Chalet	22	G	Headache	Castle
20	F	Fever	Detached	20	F	Fever	Detached
16	K	Sore throat	Apartment	16	K	Sore throat	Apartment
14	J	Sneezing	Mansion	14	J	Sneezing	Mansion

References:

E doesn't have either "Body aches" or "Shortness of breath"

_____ (I) lives in Detached house.

_____ (II) was in quarantine for second highest number of days.

The one has "Body aches", was in quarantine for _____ (III) number of days, which is more than H.

The one, who was in quarantine for 22 days, has _____ (IV) symptom.

Difference in the number of quarantine days of the one, who has "Dry cough", and the one, who has "Shortness of breath" is _____ (V).

Inferences:

From above statements,

Finally, E has "Dry cough" and was in quarantine for 41 days.

H has "Shortness of breath", only possibility.

Blanks can be filled with following data's	
(I)	F lives in Detached house
(II)	L was in quarantine for 32 days (second highest number)
(III)	L has "Body aches" and he was in quarantine for 32 days
(IV)	G has "Headache" and he was in quarantine for 22 days
(V)	E (Dry cough, 41 days in quarantine) & H (Shortness of breath, 25 days in quarantine) Difference, $41 - 25 = 16$ days

Case-2-A			
Days	Persons	Symptoms	House
41	E	Dry cough	Cottage
32	L	Body aches	Chalet
25	H	Shortness of breath	Bungalow
22	G	Headache	Castle
20	F	Fever	Detached
16	K	Sore throat	Apartment
14	J	Sneezing	Mansion

Explanations:

1. Following the common explanation, we get **"F"**.

_____ (I) lives in Detached house.

F lives in Detached house

Hence, option C is correct.

2. Following the common explanation, we get **"The one who lives in Chalet house"**.

_____ (II) was in quarantine for second highest number of days.

L was in quarantine for 32 days (second highest number) & L lives in Chalet house.

Hence, option B is correct.

3. Following the common explanation, we get **"32days"**.

The one has "Body aches", was in quarantine for _____ (III) number of days, which is more than H.

L has "Body aches" and he was in quarantine for 32 days

Hence, option C is correct.

4. Following the common explanation, we get **"Headache"**.

The one, who was in quarantine for 22 days, has _____ (IV) symptom.

G has "Headache" and he was in quarantine for 22 days

Hence, option D is correct.

5. Following the common explanation, we get **"16days"**.

Difference in the number of quarantine days of the one, who has "Dry cough", and the one, who has "Shortness of breath" is _____ (V).

E (Dry cough, 41 days in quarantine) & H (Shortness of breath, 25 days in quarantine)

Difference, $41 - 25 = 16$ days

Hence, option A is correct.



Smartkeeda

The Question Bank

Presents

Testzone

India's Leading Test Series Platform

**All Banks Exams
2024-25**

12 Months Plan

@Just

Rs. 764

To get 10% Off use code **FEST24**

- ✓ Brilliant Test Analysis
- ✓ Excellent Content
- ✓ Unmatched Explanation

Buy Now

