



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



Tiya 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

Data Sufficiency Questions for IBPS PO Pre, RRB Scale I Pre, SBI PO Pre, Canara Bank PO, Syndicate Bank PO, IBPS SO Pre, IBPS Clerk Mains and SBI Clerk Mains Exams.

Data Sufficiency Quiz 12

Directions: Each of the following consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the questions.

1. In a family of seven persons – Sulu, Sam, Sid, Saya, Shri, Sara and Suni, How is Suni related to Sid?

Statement I : Sulu is the elder sister of Sam, who is the only son of Suni. Sara is the father of Saya, who is married to Sid.

Statement II : Sid is the brother of Shri, who is unmarried. Sara is married to Suni, who has only one son Sam. Sulu has two siblings.

- A. If the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
B. If the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.
C. If the data either in statement I alone or in statement II alone is sufficient to answer the question.
D. If the data in both statement I and II together are not sufficient to answer the question.
E. If the data in both statement I and II together are necessary to answer the question.

2. Six cars from C1 to C6 participated in a race. Which car stood at first position?

Statement I : C1 finished the race before two cars only. C3 was not the last one to finish the race. C4 finished the race just before C5.

Statement II : No other car finished the race after C6, which finished the race just after C3. C2 finished the race before C3.

- A. If the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
B. If the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.
C. If the data either in statement I alone or in statement II alone is sufficient to answer the question.
D. If the data in both statement I and II together are not sufficient to answer the question.
E. If the data in both statement I and II together are necessary to answer the question.

3. What is the code for "sweet candy"?

Statement I : 'candy chocolate sweet' is coded as hi ni mi and 'sweet bite candy' is coded as ti mi ni.

Statement II : 'drink water candy' is coded as fi mi gi and 'chocolate sweet water' is coded as ti ni gi.

- A. If the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
- B. If the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.
- C. If the data either in statement I alone or in statement II alone is sufficient to answer the question.
- D. If the data in both statement I and II together are not sufficient to answer the question.
- E. If the data in both statement I and II together are necessary to answer the question.

4. City G is in which direction from City B?

Statement I : City G is in the north of City D, who is in the west of City C. City C, A and B form a straight line. City B is towards the north of City C.

Statement II : City B is in north of City A, which is in the west of City H. City G is towards the south of City F, which is in the east of city H.

- A. If the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
- B. If the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.
- C. If the data either in statement I alone or in statement II alone is sufficient to answer the question.
- D. If the data in both statement I and II together are not sufficient to answer the question.
- E. If the data in both statement I and II together are necessary to answer the question.

Join us on Telegram for more PDFs
Click here



5. Seven letters – A, E, F, G, I, L and R are placed in a straight row from left to right such that no meaningful English word is formed. Find the position of L with respect to F?

Statement I: A is third to the left of G, who is placed exactly in the middle of the word. L is adjacent to A. I is second to the right of F but not adjacent to G.

Statement II: R is to the immediate left of I. F is second to the right of A, which is placed at an extreme left end. L is not placed after G, which is placed exactly in the middle of the row.

- A. If the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
- B. If the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.
- C. If the data either in statement I alone or in statement II alone is sufficient to answer the question.
- D. If the data in both statement I and II together are not sufficient to answer the question.
- E. If the data in both statement I and II together are necessary to answer the question.

6. In a certain code language words are coded as per the following hints.

Find the code for “strike today”?

Statement I: “strike today or never” is coded as “bo ma su no” and “price never today” is coded as “ki no su”.

Statement II: “price strike low today” is coded as “ki bo su pe” and “today sale price” is coded as “su ki ba”.

- A. If the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
- B. If the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.
- C. If the data either in statement I alone or in statement II alone is sufficient to answer the question.
- D. If the data in both statement I and II together are not sufficient to answer the question.
- E. If the data in both statement I and II together are necessary to answer the question.

Join us on Telegram for more PDFs
Click here



7. Some students participated in a quiz competition and got different ranks. 1st rank is considered as highest, 2nd as second highest and so on.

Find the total number of participants?

Statement I: Radha was ranked 13th from the top. Rani's rank is 16th from the bottom. Only three participants were ranked between Rani and Suresh.

Statement II: Rani's rank was better than Sudha, who was 12th from the bottom. Suresh's rank was exactly between the ranks of Radha and Rani.

- A. If the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
- B. If the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.
- C. If the data either in statement I alone or in statement II alone is sufficient to answer the question.
- D. If the data in both statement I and II together are not sufficient to answer the question.
- E. If the data in both statement I and II together are necessary to answer the question.

8. Seven friends— Richa, Riya, Rani, Roma, Rashi, Ridhi and Ruby went for a picnic on seven days of a week such that only one person went on one day.

Who went in the last?

Statement I: Only two persons went after Riya, who went just after Rashi. Ruby went immediately before Ridhi. Richa was not the first one to go for picnic.

Statement II: Nobody went before Rani. Ridhi went just just after Ruby, who went after but not immediately after Rashi. Richa went just after Rani but immediately before Rashi.

- A. If the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
- B. If the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.
- C. If the data either in statement I alone or in statement II alone is sufficient to answer the question.
- D. If the data in both statement I and II together are not sufficient to answer the question.
- E. If the data in both statement I and II together are necessary to answer the question.

9. A family has eight persons, where number of male and female members is equal.

How is C related to G?

Statement I: G is the daughter of H, who is the wife of B. C is married to E, who is the brother-in-law of G. B does not have any son.

Statement II: D is the grandson of H. G is unmarried. J is the brother-in-law of H, who does not have any sibling. F is the sister of D.

- A. If the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
- B. If the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.
- C. If the data either in statement I alone or in statement II alone is sufficient to answer the question.
- D. If the data in both statement I and II together are not sufficient to answer the question.
- E. If the data in both statement I and II together are necessary to answer the question.

10. Seven persons from P to V sit in a linear row facing towards the south.

Find the position of U with respect to Q?

Statement I: U and P sit at a gap of 3 persons and neither of them sits at an extreme end. R is on the immediate right of U. P is on the immediate left of S, who is at a gap of two persons from Q.

Statement II: Q is third to the right of V, who sits at one of the extreme ends. Neither S nor P is an immediate neighbor of V. R sits adjacent to Q but not to W.

- A. If the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
- B. If the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.
- C. If the data either in statement I alone or in statement II alone is sufficient to answer the question.
- D. If the data in both statement I and II together are not sufficient to answer the question.
- E. If the data in both statement I and II together are necessary to answer the question.

Join us on Telegram for more PDFs
Click here



Correct Answers:

1	2	3	4	5	6	7	8	9	10
E	D	A	B	C	E	E	D	E	A

Explanations:

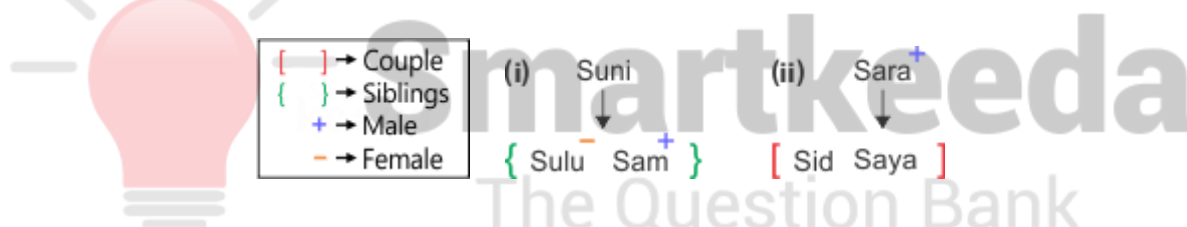
1. In a family of seven persons – Sulu, Sam, Sid, Saya, Shri, Sara and Suni, How is Suni related to Sid?

Statement I: Sulu is the elder sister of Sam, who is the only son of Suni. Sara is the father of Saya, who is married to Sid.

Statement II: Sid is the brother of Shri, who is unmarried. Sara is married to Suni, who has only one son Sam. Sulu has two siblings.

Checking statement I:

Following images can be drawn from the hints given in statement I.

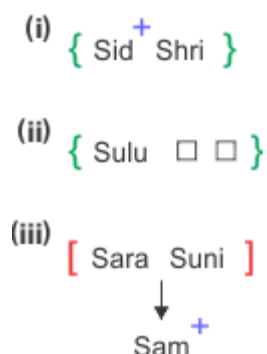


But we cannot determine the relation between Sid and Suni, because we don't know whether Suni is married to Sara or not.

Hence data in statement I alone is not sufficient to answer the question.

Checking statement II:

Following images can be prepared from the hints given in statement II.



But still, we cannot determine the relation between Sid and Suni.

Hence data in statement II alone is not sufficient to answer the question.

Checking statements I and II:

As Sara is married to Suni and father of Saya, who is Sid's wife. Thus Suni must be Saya's mother and thus mother-in-law of Sid.



Clearly, Suni is the mother-in-law of Sid.

Hence data in statement I and II together is necessary to answer the question.

Hence option E is correct.

2. Six cars from C1 to C6 participated in a race. Which car stood at first position?

Statement I: C1 finished the race before two cars only. C3 was not the last one to finish the race. C4 finished the race just before C5.

Statement II: No other car finished the race after C6, which finished the race just after C3. C2 finished the race before C3.

Checking statement I:

As per the given hints, following positions can be drawn.

> C1 > _ > _

Thus we cannot determine the car that stood at first position.

Hence data in statement I alone is not sufficient to answer the question.

Checking statement II:

Following position can be drawn with the hints given in statement II.

C3 > C6

Still, we cannot determine the car which stood first.

Hence data in statement II alone is not sufficient to answer the question.

Checking statements I and II:

C4> C5> C2> C1> C3 > C6 or

C2> C4> C5> C1> C3 > C6

Either C2 or C4 stood at first position.

Hence data in statement I and II together is not sufficient to answer the question.

Hence option D is correct.

3. What is the code for "sweet candy"?

Statement I: 'candy chocolate sweet' is coded as hi ni mi and 'sweet bite candy' is coded as ti mi ni.

Statement II: 'drink water candy' is coded as fi mi gi and 'chocolate sweet water' is coded as ti ni gi.

Checking statement I:

As per the given hints, following positions can be drawn.

sweet candy can be coded as mi ni.

Hence data in statement I alone is sufficient to answer the question.

Checking statement II:

Following position can be drawn with the hints given in statement

II.

Neither the code for candy nor for sweet can be determined using statement II.

Hence data in statement II alone is not sufficient to answer the question.

Hence option A is correct.

Join us on Telegram for more PDFs
Click here



4. **Statement I:** City G is in the north of City D, who is in the west of City C. City C, A and B form a straight line. City B is towards the north of City C.

Statement II: City B is in north of City A, which is in the west of City H. City G is towards the south of City F, which is in the east of city H.

Checking statement I:

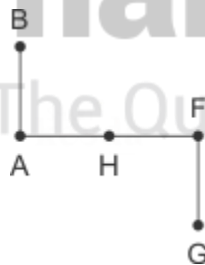
Following three cases are possible in order to check whether G is in north-west or west or south-west of B.



Hence data in statement I alone is not sufficient to answer the question.

Checking statement II:

Clearly, G is in south-east of B.



Hence data in statement II alone is sufficient to answer the question.

Hence option B is correct.

5. Seven letters – A, E, F, G, I, L and R are placed in a straight row from left to right such that no meaningful english word is formed. Find the position of L with respect to F?

Statement I: A is third to the left of G, who is placed exactly in the middle of the word. L is adjacent to A. I is second to the right of F but not adjacent to G.

Statement II: R is to the immediate left of I. F is second to the right of A, which is placed at an extreme left end. L is not placed after G, which is placed exactly in the middle of the row.

Checking statement I:

As per the given hints, following positions can be drawn.

A L _ G F _ I

Clearly, L is third to the left of F.

Hence data in statement I alone is sufficient to answer the question.

Checking statement II:

Following position can be drawn with the hints given in statement II.

A L F G _ _ _

Clearly, L is on the immediate left of F.

Hence data in statement II alone is sufficient to answer the question.

Hence data in either statement I alone or statement II alone is sufficient to answer the question.

Hence option C is correct.

6. In a certain code language words are coded as per the following hints.

Find the code for “strike today”?

Statement I: “strike today or never” is coded as “bo ma su no” and “price never today” is coded as “ki no su”.

Statement II: “price strike low today” is coded as “ki bo su pe” and “today sale price” is coded as “su ki ba”.

Checking statement I:

Codes for today and strike cannot be found using statement I alone.

Hence data in statement I alone is not sufficient to answer.

Checking statement II:

Codes for today and strike cannot be found using statement I alone.

Hence data in statement II alone is not sufficient to answer.

Checking statements I and II:

Using first halves of statements I and II, code for ‘strike’ can be found out as “bo”.

Using statement I and II, code for today can be found as “su”.

Strike today is coded as bo su.

Hence data in both the statements is necessary to answer the question.

Hence option E is correct.

7. Some students participated in a quiz competition and got different ranks. 1st rank is considered as highest, 2nd as second highest and so on.

Find the total number of participants?

Statement I: Radha was ranked 13th from the top. Rani's rank is 16th from the bottom. Only three participants were ranked between Rani and Suresh.

Statement II: Rani's rank was better than Sudha, who was 12th from the bottom. Suresh's rank was exactly between the ranks of Radha and Rani.

Checking statement I:

We can have following two cases:

I1

But we don't know the position of Rani from top, in order to determine the total number of participants.

Hence data in statement I alone is not sufficient.

Checking statement II:

We cannot determine the total number of students as we don't know the rank of anyone except Sudha.

Checking statements I and II:

As per the above image, total number of participants can be calculated as per the following method.

We have Suresh whose position from top and bottom is known.

Total number of participants = (Suresh's position from bottom + Suresh's position from top) - 1
= (20 + 17) - 1 = 36

Hence data in both the statements is necessary to answer the question.

Hence option E is correct.

Join us on Telegram for more PDFs
Click here



8. Seven friends— Richa, Riya, Rani, Roma, Rashi, Ridhi and Ruby went for a picnic on seven days of a week such that only one person went on one day.

Who went in the last?

Statement I: Only two persons went after Riya, who went just after Rashi. Ruby went immediately before Ridhi. Richa was not the first one to go for picnic.

Statement II: Nobody went before Rani. Ridhi went just just after Ruby, who went after but not immediately after Rashi. Richa went just after Rani but immediately before Rashi.

Checking statement I:

We can have the following arrangement:

Rashi > Riya > _ > _
Ruby > Ridhi

But we cannot determine the one who went in the last..

Hence data in statement I alone is not sufficient.

Checking statement II:

We can have the following two possible arrangements:

Rani > Richa > Rashi > _ > Ruby > Ridhi > _ or

Rani > Richa > Rashi > _ > _ > Ruby > Ridhi

Thus we cannot surely determine that Ridhi went in the last.

Hence data in statement II alone is not sufficient.

Checking Both statements I and II:

We cannot make a definite arrangement with both the statements as the information that Only two persons went after Riya, who went just after Rashi clashes with the other mentioned hints.

Hence data in both statement I and II together is not sufficient to answer the question.

Hence option D is correct.

9. A family has eight persons, where number of male and female members is equal.

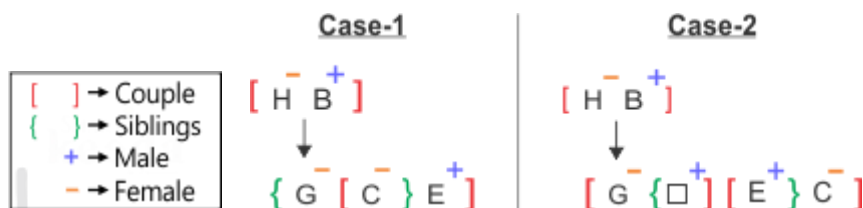
How is C related to G?

Statement I: G is the daughter of H, who is the wife of B. C is married to E, who is the brother-in-law of G. B does not have any son.

Statement II: D is the grandson of H. G is unmarried. J is the brother-in-law of H, who does not have any sibling. F is the sister of D.

Checking statement I:

As per the information given in statement I, following two cases are possible:



Thus either C is the sister or sister-in-law of G.

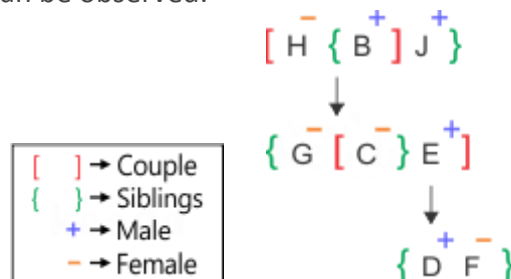
Checking statement II:

No information about C is given in statement II, thus C's relationship with G cannot be found out.

Checking both the statements I and II:

As G is unmarried, thus possibility of Case-2 (derived in statement I) does not exist.

Thus following family tree can be observed:



Clearly C is the sister of G.

Hence data in both the statements I and II together are necessary to answer the question. Hence option E is correct.

Join us on Telegram for more PDFs
Click here



10. Seven persons from P to V sit in a linear row facing towards the south.

Find the position of U with respect to Q?

Statement I: U and P sit at a gap of 3 persons and neither of them sits at an extreme end. R is on the immediate right of U. P is on the immediate left of S, who is at a gap of two persons from Q.

Statement II: Q is third to the right of V, who sits at one of the extreme ends. Neither S nor P is an immediate neighbour of V. R sits adjacent to Q but not to W.

Checking statement I:

All the persons face towards south.

S	P		Q	R	U	
---	---	--	---	---	---	--

Clearly, U is second to the left of Q.

Hence data in statement I is sufficient to answer the question.

Checking statement II:

All the persons face towards south.

Case-1

			Q	R	W	V
--	--	--	---	---	---	---

Case-2

	W	R	Q			V
--	---	---	---	--	--	---

But in both the cases we are unable to locate U.

Hence data in statement II is not sufficient to answer the question.

Hence option A is correct.

Join us on Telegram for more PDFs
Click here





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

