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# SBI Clerk Mains & RBI Assistant Mains

# Data Sufficiency PDF - Strategy & Sample Questions



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As far as [SBI Clerk 2021 mains exam](#) is concerned the exam dates are not out yet, however aspirants need to be at their best to make your way out through this. The best way to stay well prepared for this topic is to keep taking mock tests and practice lockdown warm up reasoning sectional test. As far as Data Sufficiency problems are concerned there is a problem given with 2 statements. Aspirants need to find out the exact combination of statements that is required to solve a problem. Moreover, you have to decide that whether this given information is enough for you to answer the question or not. Let's understand this with the help of an example.

Suppose a question has two statements labeled I & II. Using these given 2 statements you will have to find out that whether:

- Whether answer can be obtained from Statement I alone, but statement II alone is not sufficient to mark the answer.
- Whether the answer can be obtained from both statements I and II together, but neither of the statement alone is sufficient to answer the question
- Whether the answer can be obtained from statement II alone but statement I alone is not sufficient to answer the question
- Whether We can answer the asked question from either statement I or statement II.
- Last but not the least, whether we can not answer the question asked from Statement I and II together, and if any additional information is required to answer the question.

In Data Sufficiency the given information is considered sufficient only when it is possible to determine one numerical value as the answer to the question.

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### Data Sufficiency Tips

As by now aspirants must have a clear understanding of the data sufficiency concept, here are few tips and tricks as how you can easily solve such type of problems.

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## Try and Focus on the Question

While answering data sufficiency questions focusing on the question is important as then you will be able to figure out that whether the given statements are sufficient enough to answer the question asked or not. Sometimes it will seem that the question is quite straightforward, however it will be not.



## Consider each statement Individually

Consider the statements individually without in reference to each other. First check the first statement individually that whether it provides enough information, if not then look at the second statement. If you get the answer from the first statement itself then also you have the below two options pending out of which you have to choose one:

- The data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
- The data either in statement I alone or in statement II alone are sufficient to answer the question.

So, **even if you get the answer from the Statement I, you need to check if Statement II is alone sufficient to answer the question** and need to answer accordingly.

## Combine the Statements & Check their Combination

In case if you are not able to find the answer by either of the statements alone then you will have to look for the answer by combining the two statements.

## Don't Presume Anything

What is there with you actually to answer the question is the information which is being given to you. Don't presume any information other than this and try solving the problem afresh without presuming any information as it may lead you to an incorrect answer.



Mentioning below are some expected questions related to Data Sufficiency for SBI Clerk mains 2021 and RBI Assistant Mains 2021. Check these below:



### Data Sufficiency Expected Questions - SBI Clerk Mains 2021

Question 1: The question given below consists of 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 question. Read all the statements and give answer. Five persons P, Q, R, S and T are sitting in a row facing either north or south. The persons at the extreme end are facing in opposite directions. Not more than two adjacent persons face in same direction. Who among the following is sitting second to the left of Q?

I. S sits second to the left of T, who does not sit at any end. One person sits between Q and R and both face in same direction. R and T are not adjacent to each other. P faces in north direction.

II. One person sits between T and S. P and R sit at the extreme end such that P does not sit adjacent to S.

- a. The data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question
- b. The data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question
- c. The data either in statement I alone or in statement II alone are sufficient to answer the question
- d. The data given in both statements I and II together are not sufficient to answer the question
- e. The data in both statements I and II together are necessary to answer the question

**Answer:** d

**Solution:**

Now, from statement I,

Now, S sits second to the left of T, who does not sit at any end. One person sits between Q and R and both face in same direction. R and T are not adjacent to each other. P faces in north direction. So, the possible arrangements are,

(i).

P(North)	T(South)	Q(South)	S(North)	R(South)
----------	----------	----------	----------	----------

(ii).

R(South)	S(North)	Q(South)	T(North)	P(North)
----------	----------	----------	----------	----------

So, either P or R sits second to the left of Q.  
So, statement I alone is not sufficient.

Now, from statement II,

Now, One person sits between T and S. P and R sit at the extreme end such that P does not sit adjacent to S. So, the possible arrangements are,

(i).

P	T	Q	S	R
---	---	---	---	---

(ii).

P	S	Q	T	R
---	---	---	---	---

So, statement II alone is not sufficient.

By combining both statements I and II, either P or R sits second to the left of Q.

Hence, option d.

Question 2: The question given below consists of 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 question. Read all the statements and give answer. Six persons P, Q, R, S, T and U are sitting on a circular table facing towards or away from the centre. The persons opposite to each other are facing in same direction. Who among the following sits second to the left of Q?

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I. P sits second to the right of S. R sits to the immediate left of Q, who faces towards the centre. T sits opposite to R such that both face in same direction.

II. U sits opposite to S, who sits adjacent to T. P sits opposite to Q but not adjacent to S.

- a. The data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question
- b. The data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question
- c. The data either in statement I alone or in statement II alone are sufficient to answer the question
- d. The data given in both statements I and II together are not sufficient to answer the question
- e. The data in both statements I and II together are necessary to answer the question

**Answer:** a

**Solution:**

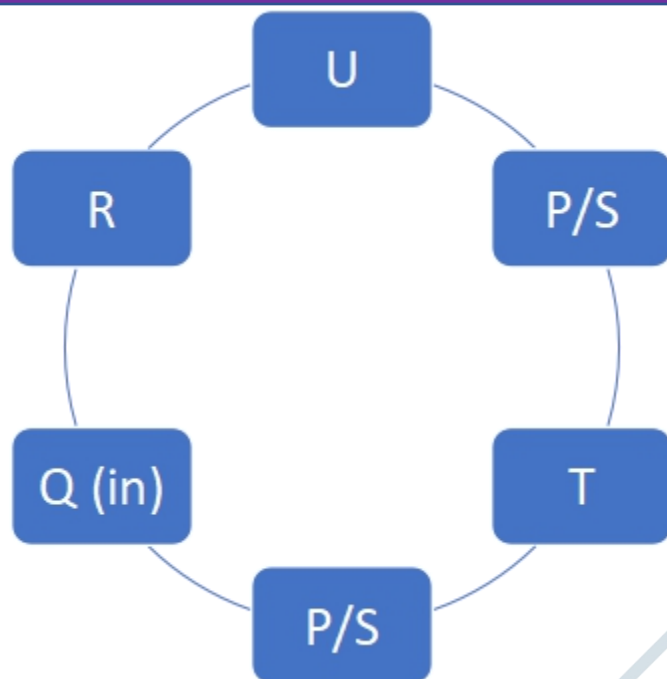
Now, from statement I,

Now, P sits second to the right of S. R sits to the immediate left of Q, who faces towards the centre. T sits opposite to R such that both face in same direction. So, the possible arrangements is,

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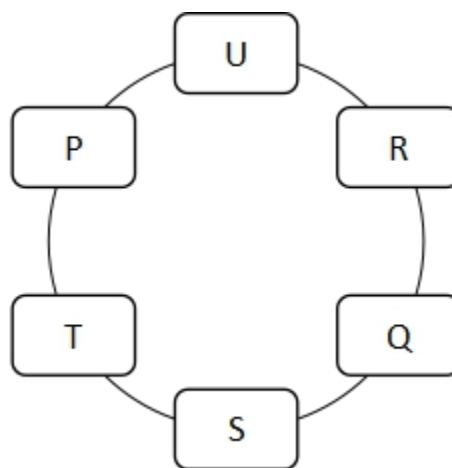
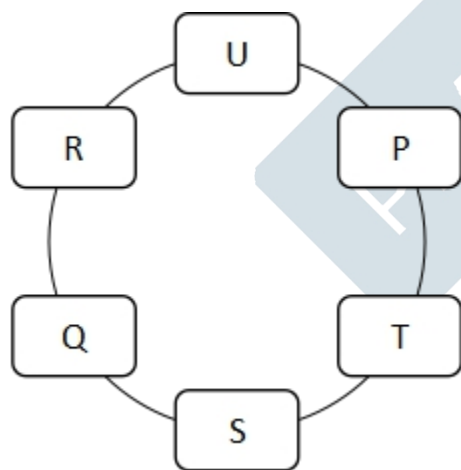


So, U sits second to the left of Q.

Therefore, statement I alone is sufficient.

Now, from statement II,

Now, U sits opposite to S, who sits adjacent to T. P sits opposite to Q but not adjacent to S. So, the possible arrangements are,



So, statement II is not sufficient to answer the question.

Hence, option a.

Directions 3-4: The question given below consists of three statements numbered I, II and III given below it. You have to decide which of the statements are redundant to answer the question. Read all the statements and give answer.

Six persons P, Q, R, S, T and U are sitting in a row facing either north or south. Equal number of persons face in north and south. Not more than two adjacent persons face in same direction.

I. T sits third to the right of U such that neither sits at any end. P sits to the immediate right of R but not adjacent to T. U and Q face in same direction and sit adjacent to each other.

II. R sits second to the right of U, who faces north. One person sit between P and T such that P sits adjacent to R. Q sits to the immediate left of U. S sits to the immediate right of T, who faces in same direction as Q.

III. U sits third to the left of T. Two persons sit between P and S. P does not sit at any end.

Question 3: How many persons sit to the left of T?

- Only statement II is redundant
- Either statement I or III is redundant
- Only statement III is redundant
- Both statements II and III are redundant
- None of these

**Answer: c**

**Solution:**

From statement I,

Now, T sits third to the right of U such that neither sit at any end. P sits immediate right of R but not adjacent to T. U and Q face in same direction and sit adjacent to each other. So, the arrangement is shown below,

1.	2.	3.	4.	5.	6.
Q(North)	U(North)	P(South)	R(South)	T(North)	S(South)

1.	2.	3.	4.	5.	6.
S(North)	T(South)	R(North)	P(North)	U(South)	Q(South)

From statement II,

Now, R sits second to the right of U, who faces north. One person sit between P and T such that P sits adjacent to R. Q sits immediate left of U. S sits immediate right of T, who faces in same direction as Q. So, the arrangement is shown below,

1.	2.	3.	4.	5.	6.
Q(North)	U(North)	P(South)	R(South)	T(North)	S(South)

From statement III,



Now, U sits third to the left of T. Two persons sit between P and S. P does not sit at any end.

So, from statement III, we cannot determine the number of persons sitting to the left of T.

Hence, option c.

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Question 4: In which direction is P facing?

- a. Only statement II is redundant
- b. Both statements I and III is redundant
- c. Only statement III is redundant
- d. Both statements II and III are redundant
- e. None of these

**Answer:** b

**Solution:**

From statement I,

Now, T sits third to the right of U such that neither sit at any end. P sits immediate right of R but not adjacent to T. U and Q face in same direction and sit adjacent to each other. So, the arrangement is shown below,

1.	2.	3.	4.	5.	6.
Q(North)	U(North)	P(South)	R(South)	T(North)	S(South)

1.	2.	3.	4.	5.	6.
S(North)	T(South)	R(North)	P(North)	U(South)	Q(South)

So, P can face either north or south.

From statement II,

Now, R sits second to the right of U, who faces north. One person sit between P and T such that P sits adjacent to R. Q sits immediate left of U. S sits immediate right of T, who faces in same direction as Q. So, the arrangement is shown below,

1.	2.	3.	4.	5.	6.
Q(North)	U(North)	P(South)	R(South)	T(North)	S(South)

So, P faces south.

From statement III,

Now, U sits third to the left of T. Two persons sit between P and S. P does not sit at any end.

So, from statement III, we cannot determine the P's direction.

Hence, option b.

Question 5: The question given below consists of 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 question. Read all the statements and give answer. Five persons P, Q, R, S and T have different heights. Who among the following is the tallest?

I. P is taller than at least two persons. R is taller than S but not Q. Q is not the tallest.

II. Only one person is taller than Q. P is taller than R but not T. R is not the shortest.

a. If the data given in statement I alone is sufficient to answer the question.

b. If the data given in statement II alone is sufficient to answer the question.

c. If the data given in either statement I or statement II alone is sufficient to answer the question.

d. If the data given in both statement I and statement II are sufficient to answer the question.

e. If the data given in both statement I and statement II are not sufficient to answer the question.

Answer: b

Solution:

Now, from statement I,

Now, Q sits P is taller than at least two persons. R is taller than S but not Q. Q is not the tallest. So, there are three possibilities,

(i).  $T > Q > P > R > S$

(ii).  $T > P > Q > R > S$

(iii)  $P > T/Q > Q/T > R > S$

So, either P or T is the tallest.

So, statement I alone is not sufficient.

Now, from statement II,

Now, only one person is taller than Q. P is taller than R but not T. R is not the shortest. So, there is only one possibility,

$T > Q > P > R > S$

So, T is the tallest.

So, statement II alone is sufficient.

Hence, option b.

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Question 6: The question given below consists of 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 question. Read both the statements and give answer.

There are only seven members (P, Q, R, S, T, U and V) in a three generation family. Only married couples have children. There are three married couples in the family. If T is unmarried member, then how is S related to the mother of R?

Statement I: U's wife's father's only sister's mother is Q. P is father of R and only son of S.

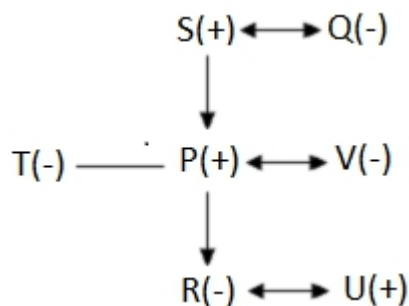
Statement II: V's husband's only sister's father's only granddaughter's husband is U. Q is mother of T and grandmother of R. P is only son of S.

- The data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question
- The data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question
- The data either in statement I alone or in statement II alone are sufficient to answer the question
- The data given in both statements I and II together are not sufficient to answer the question
- The data in both statements I and II together are necessary to answer the question.

**Answer: c**

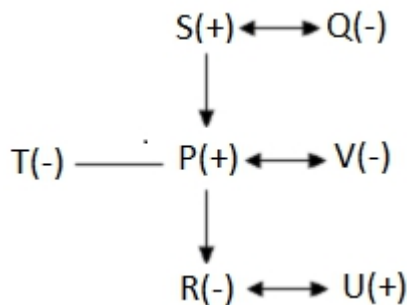
**Solution:**

From statement I, we get, U's wife's father's only sister's mother is Q, so, U is husband of granddaughter of Q. P is father of R and only son of S, so, S is husband of Q, and R is daughter of P and wife of U. T is unmarried, so V is wife of P and T is sister of P. The final relation is shown below:



From statement II, we get, V's husband's only sister's father's only granddaughter's husband is U, so, V is mother-in-law of U. Q is mother of T and

grandmother of R, so, R must be wife of U. P is only son of S, so, T is sister of P and daughter of S and Q. The final relation is shown below:



S is father-in-law of mother of R.

Therefore, we get the answer from either statement I or II.  
Hence, option c.

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Question 7: The question given below consists of two statements numbered I and II below them. You have to decide whether the data provided in the statements are sufficient to answer the question. Read all the statements and give answer. In the given coded language, how is the word 'of' coded?

**Statement I:** In a certain language, 'beautiful rose garden' is coded as 'three, five, one' and 'garden full of rose' is coded as 'two, seven, three, five'.

**Statement II:** In a certain language, 'fragrance of rose' is coded as 'seven, four, five' and 'rose has beautiful fragrance' is coded as 'one, four, five, six'.

- If the data given in statement I alone is sufficient to answer the question.
- If the data given in statement II alone is sufficient to answer the question.
- If the data given in either statement I or statement II alone is sufficient to answer the question.
- If the data given in both statement I and statement II are sufficient to answer the question.
- If the data given in both statement I and statement II are not sufficient to answer the question.

Answer: b

Solution:

From statement I alone, the code for 'of' is either 'two' or 'seven'.

From statement II alone, the code for 'of' is 'seven'

Clearly, data given in statement II alone is sufficient to answer the question.

Hence, option b.

Question 8: The question given below consists of two statements numbered I and II below them. You have to decide whether the data provided in the statements are sufficient to answer the question. Read all the statements and give answer: 7 persons (P, Q, R, S, T, U and V) live on different floors of the building. The bottommost floor is numbered 1, floor immediately above it is numbered 2 and so on. How many persons live below U?

**Statement I:** T lives 3 floors above S. Only R and V live below S. U lives above Q but below P.

**Statement II:** Q lives 3 floors above V. Only 2 persons live between Q and P. T lives immediately above U.

- If the data given in statement I alone is sufficient to answer the question.
- If the data given in statement II alone is sufficient to answer the question.
- If the data given in either statement I or statement II alone is sufficient to answer the question.
- If the data given in both statement I and statement II are sufficient to answer the question.
- If the data given in both statement I and statement II are not sufficient to answer the question.

Answer: a

Solution:

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From statement I alone, as T lives 3 floors above S. Only R and V live below S. U live above Q but below P, so

7	P
6	T
5	U
4	Q
3	S
2	R/V
1	V/R



Clearly, 4 persons live below U.

From statement II alone, as Q lives 3 floors above V. Only 2 persons live between Q and P. T lives immediately above U, so

7P	P
6T	R/S
5U	S/R
4Q	Q
3R/ST	
2S/RU	
1V	V

Either 2 or 5 persons live above U.

Data in statement I alone is sufficient to answer the question.

Hence, option a.

Question 9: The question given below consists of two statements numbered I and II below them. You have to decide whether the data provided in the statements are sufficient to answer the question. Read all the statements and give answer: There are 6 persons P, Q, R, S, T and U sitting in a straight row facing north direction. How many persons sit between P and U if R sits at the extreme right end of the row?

**Statement I:** S sits 3<sup>rd</sup> to the right of Q. P sits to the immediate right of T. Only 1 person sits between U and T.

**Statement II:** T sits 2<sup>nd</sup> to the right of U. S sits 3<sup>rd</sup> to the right of Q.

- If the data given in statement I alone is sufficient to answer the question.
- If the data given in statement II alone is sufficient to answer the question.
- If the data given in either statement I or statement II alone is sufficient to answer the question.
- If the data given in both statement I and statement II are sufficient to answer the question.
- If the data given in both statement I and statement II are not sufficient to answer the question.

Answer: a

Solution:

From statement I alone, as S sits 3<sup>rd</sup> to the right of Q. P sits immediate right of T. Only 1 person sits between U and T, so

U	Q	T	P	S	R
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Clearly, 2 persons sit between P and U.

From statement II alone, as T sits 2<sup>nd</sup> to the right of U. S sits 3<sup>rd</sup> to the right of Q, so

Q	P	U	S	T	R
U	Q	T	P	S	R

Either no one or 2 persons sit between P and U.

Statement I alone is sufficient to answer the question.

Hence, option a.

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Question 10: The question given below consists of 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 question. Read both the statements and give answer.

There are six books (P, Q, R, S, T and U) of different thickness. How many books are thicker than book P but thinner than book S?

Statement I: Book U is thicker than only three books. Book Q is thicker than book P and book R but thinner than book T and book S. Book T and book R are neither thinnest nor thickest book.

Statement II: Book Q is thinner than only three books. Book T is thicker than book U but thinner than book S. Book R is thinner than book Q and book S.

a. The data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question

b. The data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question

- c. The data either in statement I alone or in statement II alone are sufficient to answer the question
- d. The data given in both statements I and II together are not sufficient to answer the question
- e. The data in both statements I and II together are necessary to answer the question.

**Answer:** a

**Solution:**

From statement I, book U is thicker than only three books. Book Q is thicker than book P and book R but thinner than book T and book S, so,  $P, R < Q < U < T, S$ . Book T and book R are neither thinnest nor thickest book, so,  $P < R < Q < U < T < S$ .

So, four books are thicker than book P but thinner than book S.

From statement II, book Q is thinner than only three books. Book T is thicker than book U but thinner than book S. Book R is thinner than book Q and book S, so, U can be thinnest or third thickest book. So, we cannot answer the question. Therefore, we get the answer from statement I alone.

Hence, option a.

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