Reasoning Data Sufficiency Questions for IBPS Clerk Pre, SBI Clerk Pre, LIC Assistant, RBI Assistant and IBPS RRB Exams.

Reasoning DS Quiz 17

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 question:

1. What is Vinita's rank from the top in the class of 50 students?

Statement I : Vinni is 4 ranks below Vinita and is thirty second from the the bottom.

Statement II : Vikas is three ranks above Vinita and thirty seventh from the bottom.

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. How is Isha definitely related to Vidhi?

Statement I : Isha's mother is sister of Vidhi's father.

Statement II : Vidhi is the daughter of Isha's grand-father's only son.

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 code for 'Comfortable' in the code language?

Statement I : 'pa ta ti' means 'They are comfortable'.

Statement II : 'ta tu na nu' means 'We are not confident'.

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. Which statement is required to derive the conclusion - 'No shot is a kick'?

Statement I : All shots are goals.

Statement II : No kick is a shot.

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.

5. A, B, C, D and E stand in a row for a photograph. Who is standing 4th from the left?

Statement I : E is the person standing in the middle.

Statement II : A and B are neighbors of E.

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. 5 students from L to P were standing in a south facing queue, Who was standing at the extreme right end?

Statement I : M was not at any of the extreme ends. L was to the left of M but not to the right of O and N.

Statement II : L was at the extreme left end of the row. P was exactly in the middle of the queue. N and M were adjacent.

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 II 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.

7. A 7 letter meaningful English word is written on a notice board. Find the second letter of that word?

Statement I : First, Third and last letter of the word are same vowels. There are two vowels between L and T. L is placed before T and V.

Statement II : All the odd numbered places are occupied with vowels. The word starts and ends with same letter. Only three letters are there between L and T. V is exactly in the middle.

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 II 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. J was standing at his home's gate and facing north. He started walking from there, find what direction is he facing at the end of the movement?

Statement I : J moved in clockwise direction and walked certain distance in a straight line then turned left and then stopped.

Statement II : J walked 5 km. straight and then turned in anti-clockwise direction and walked another 5 km distance and then stopped.

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 II 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. How is A related to E?

Statement I : A is the father of D, who is the spouse of E.

**Statement II :** C is the daughter of D and E is the mother of F.

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 II 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. What is the code for 'Dream'?

Statement I : 'Life long dream' is coded as "ho be ka".

Statement II : 'Long live life' is coded as "ka ni be"'

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 II 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.
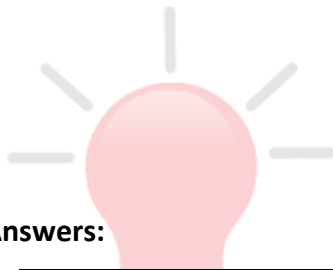
Correct Answers:

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

Explanations:

1. **Checking Statement I:**

Statement I: Vinni is 4 ranks below Vinita and is thirty second from the the bottom.

Reference:

Vinni is 4 ranks below Vinita and is thirty second from the the bottom.

Inference:

Here, we just need to assess whether the rank asked can be found using the data or not. We need not find the actual position of Vinita.

Using the info given in the question statement and statement 1, we can easily find the rank of Vinni and thus we can also find the rank of Vinita from the top.

Clearly, Statement I alone is sufficient to answer the question.

Checking Statement II:

Statement II: Vikas is three ranks above Vinita and thirty seventh from the bottom.

Reference:

Vikas is three ranks above Vinita and thirty seventh from the bottom.

Inference:

Here, once again we have got the data of Vikas whose rank can easily be found out and as his rank is given with respect to Vinita's, we can find Vinita's rank too.

Clearly, Statement II alone is sufficient to answer the question as well.

Clearly, either statement I or statement II is sufficient to answer the question.

Hence, the correct answer is option **C**.

2.   **Checking Statement I:**

Statement I: Isha's mother is sister of Vidhi's father.

Reference:

Isha's mother is sister of Vidhi's father.

Inference:

Here, we can observe that a direct relationship between Isha and Vidhi can't be established as Isha's gender is not known.

Clearly, Statement I alone is not sufficient to answer the question.

Checking Statement II:

Statement II: Vidhi is the daughter of Isha's grand-father's only son.

Reference:

Vidhi is the daughter of Isha's grand-father's only son.

Inference:

Here, a direct relationship between Idha and Vidhi can't be established as it's not given as in Isha's paternal or maternal grand-father is being referred to here. Because of this the statment stays ambiguous.

Clearly, Statement II alone is not sufficient to answer the question.

Combining Statement I and II:

Statement I: Isha's mother is sister of Vidhi's father.
Statement II: Vidhi is the daughter of Isha's grand-father's only son.

Inference:
Even if we combine the two statements above, we do not get the gender of Isha and therefore the statements I and II together are not sufficient to reach the answer.

Option D is hence the correct answer.

Join us

3. **Checking Statement I:**

Statement I: 'pa ta ti' means 'They are comfortable'.

Reference:

'pa ta ti' means 'They are comfortable'.

Inference:

Using the info given, we can't find the code for the word 'comfortable'.

Clearly, Statement I alone is not sufficient to answer the question.

Checking Statement II:

Statement II: 'ta tu na nu' means 'We are not confident'.

Reference:

'ta tu na nu' means 'We are not confident'.

Inference:

Here, the word 'comfortable' doesn't even exist in the statement.

Clearly, Statement II alone is not sufficient to answer the question as well.

Checking both Statement I and II together:

Statement I: 'pa ta ti' means 'They are comfortable'.
Statement II: 'ta tu na nu' means 'We are not confident'.

Inference:

If we use both the statements, we can observe that in neither of the two statements any word except 'are' is common. Therefore, we won't be able to deduce the code for the word 'comfortable'.

Clearly, the desired answer can't be found even if we use both the statements together.

Option D is hence the correct answer.

4. **Checking Statement I:**

Statement I: All shots are goals.

Reference:

'All shots are goals.'

Inference:

Here, we can observe that the class 'kick' is missing in the given statment and therefore one can't reach the desired conclusion.

Clearly, Statement I alone is not sufficient to get the desired conclusion.

Checking Statement II:

Statement II: No kick is a shot.

Reference:

No kick is a shot.

Inference:

Converse of Statement II: No shot is a kick.

Clearly, Statement II alone is sufficient to answer the question.

Hence, option B is the correct answer.

5. We have,

A, B, C, D and E stand in a row for a photograph. Who is standing 4th from the left?

Statement I: E is the person standing in the middle.

Statement II: A and B are neighbors of E.

Checking statement I alone:

Statement I: E is the person standing in the middle.

References:

E is the person standing in the middle.

Inferences:

In this statement, there is no information about all the persons standing for the photograph.

Clearly, data in statement I alone are not sufficient to reach the answer.

Checking statement II alone:

Statement II: A and B are neighbors of E.

References:

A and B are neighbors of E.

Inferences:

In this statement, there is no information about where C and D are standing.

Clearly, data in statement II alone are not sufficient to reach the answer.

Checking both statements I and II together:

Statement I: E is the person standing in the middle.

Statement II: A and B are neighbors of E.

References:

E is the person standing in the middle.
A and B are neighbors of E.

Inferences:

After using the above references, we have:

E is standing third from both left and right side. And, A and B are neighbors of E but definite positions of A and B is not known. So, we cannot answer the question.

Clearly, data in both statements I and II together are not sufficient to reach the answer.

Option D is hence the correct answer.

6. Checking statement I:

The hints given in statement I can be used as per the following five cases.

Case I

O/N	M	O/N	L	P
↓	↓	↓	↓	↓

Case II

O/N	O/N	M	L	P
↓	↓	↓	↓	↓

Case III

		M		L
↓	↓	↓	↓	↓

Case IV

			M	L
↓	↓	↓	↓	↓

Case V

	M			L
↓	↓	↓	↓	↓

Still we cannot find the person at extreme right end of the row.
Hence data in statement I alone is not sufficient.

Checking statement II

With the hints mentioned in statement II following image can be drawn.

N/M	M/N	P	O	L
↓	↓	↓	↓	↓

Either M or N could be at the extreme right end.

Hence data in statement II alone is also not sufficient.

Checking both statements I and II:

With the hint that M can't be at any of the extreme ends it is clear that N is at extreme right end.

M	N	P	O	L
↓	↓	↓	↓	↓

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

7. **Checking statement I:**
The only way in which the above hints can form a meaningful word is as follows:

E	L	E	V	A	T	E
Vowel		Vowel		Vowel		Vowel

The second letter is 'L'.
Hence data in statement I alone is sufficient.

Checking statement II
The only way in which the above hints can form a meaningful word is as follows:

E	L	E	V	A	T	E
Vowel		Vowel		Vowel		Vowel

The second letter is 'L'.
Hence data in statement II alone is also sufficient.

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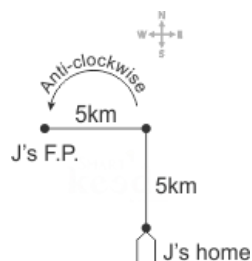
Hence option C is correct.

8. **Checking statement I**
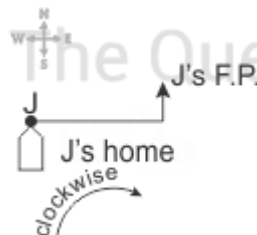
Clearly J is facing North direction.
Hence data in statement I alone is sufficient.
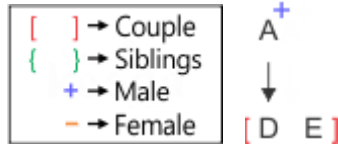
Checking statement II

Clearly J is facing West direction.
Hence data in statement II alone is also sufficient.

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

Hence option C is correct.

9. **Checking statement I:**

Clearly A is the father-in-law of E.
Hence data in statement I alone is sufficient.

Checking statement II

Using statement II we cannot find the relation between 'A' and 'D' because no information is given about A.

Hence data in statement II alone is not sufficient.

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

Hence option A is correct.

10. **Checking statement I:**

Using statement I we cannot find the code for 'dream'.

Hence data in statement I alone is not sufficient.

Checking statement II

Using statement II we cannot find the code for 'dream'.

Hence data in statement II alone is not sufficient.

Both statements I and II:

Using both the statements:

Statement I : 'Life long dream' is coded as "ho be ka".

Statement II: 'Long live life' is coded as "ka ni be"'

Here, we can clearly see that 'long life' is coded as "be ka" irrespectively.
Thus the remaining code "ho" would be for "dream".

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

Hence option E is correct.