

Data Sufficiency

Directions (1-2): Each of the following questions consists of two statements numbered I and II. You have to decide whether the data provided in the statements is sufficient to answer the question. Read both the statements.

Give answer

- 1) 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.
 - 2) 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.
 - 3) if the data in statement I alone or in statement II alone are sufficient to answer the question.
 - 4) if the data in both statements I and II are not sufficient to answer the question.
 - 5) if the data in both statements I and II together are necessary to answer the question.
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1. Is Q the grandfather of T?
 - I) Q is the father of R. R is the sister of T's father.
 - II) L is the father of D. D is the brother of T. W, the uncle of D, is the son of Q.
 2. P, Q, R, S and T are sitting around a circle facing the centre. Who is to the immediate right of P?
 - (I) Q is seated second right to P.
 - (II) R is seated between Q and T.
 3. In a straight line of eight people (all facing North), what is the position of R from the left end?
 - I. Y stands fourth from the right end of the line. Only two people stand between Y and Z. R stands to the immediate right of Z.
 - II. W stands fourth from the left end of the line. R is an immediate neighbour of W.
 - 1) The data in statement I alone is sufficient to answer the question while the data in statement II is not sufficient to answer the question
 - 2) The data in both statements I and II together is necessary to answer the question
 - 3) The data even in both statements I and II together is not sufficient to answer the question
 - 4) The data either in statement I or II alone is sufficient to answer the question
 - 5) The data in statement II alone is sufficient to answer the question while the data in statement I is not sufficient to answer the question
 4. Among four friends W, X, Y and Z (each having different number of cookies), who has the most number of cookies?
 - I. W has lesser number of cookies than Z. Y does not have the most number of cookies.
 - II. W has more cookies than Y. X does not have the most number of cookies.
 - 1) The data in statement I alone is sufficient to answer the question while the data in statement II is not sufficient to answer the question
 - 2) The data in both statements I and II together is necessary to answer the question
 - 3) The data even in both statements I and II together is not sufficient to answer the question
 - 4) The data either in statement I or II alone is sufficient to answer the question
 - 5) The data in statement II alone is sufficient to answer the question while the data in statement I is not sufficient to answer the question
 5. In a code language 'my dear family' is coded as '624'. Which number stands for 'dear'?

- I. In the same code language 'my small family' is coded as '256'.
 - II. In the same code language, 'dear family friend' is coded as '647'?
 - 1) The data in statement I alone is sufficient to answer the question while the data in statement II is not sufficient to answer the question
 - 2) The data in both statements I and II together is necessary to answer the question
 - 3) The data even in both statements I and II together is not sufficient to answer the question
 - 4) The data either in statement I or II alone is sufficient to answer the question
 - 5) The data in statement II alone is sufficient to answer the question while the data in statement I is not sufficient to answer the question
 6. How is K related to N?
 - I. N is brother of M, who is daughter of K
 - II. F is husband of K
 - 1) The data in statement I alone is sufficient to answer the question while the data in statement II is not sufficient to answer the question
 - 2) The data in both statements I and II together is necessary to answer the question
 - 3) The data even in both statements I and II together is not sufficient to answer the question
 - 4) The data either in statement I or II alone is sufficient to answer the question
 - 5) The data in statement II alone is sufficient to answer the question while the data in statement I is not sufficient to answer the question
 7. How many students attended the cultural fair of the college?
 - I. The number of students attending the cultural fair was twice the number of female students.
 - II. The number of female students attending the cultural fair was 25 more than that in the previous year.
 - 1) The data in statement I alone is sufficient to answer the question while the data in statement II is not sufficient to answer the question
 - 2) The data in both statements I and II together is necessary to answer the question
 - 3) The data even in both statements I and II together is not sufficient to answer the question
 - 4) The data either in statement I or II alone is sufficient to answer the question
 - 5) The data in statement II alone is sufficient to answer the question while the data in statement I is not sufficient to answer the question
 8. Which of the following statements is/are sufficient to answer the question? Is S the mother of M?
- Statements:
- 1) M is the sister of Q; Q is the sister of R and R is the daughter of S.
 - 2) M is daughter of L who is sister of V.
 - 1) Statement 1 is alone sufficient to answer the question and Statement 2 is alone not sufficient to answer the question
 - 2) Statement 2 is alone sufficient to answer the question and Statement 1 is alone not sufficient to answer the question
 - 3) Either Statement 1 or Statement 2 is alone sufficient to answer the question
 - 4) Neither Statement 1 or Statement 2 is alone sufficient to answer the question
 - 5) Both the Statements 1 and 2 together are sufficient to answer the question

9. Which of the following statements is/are sufficient to answer the question
- 1) Only statement I is sufficient to answer the question
 - 2) Only statement II alone is sufficient to answer the question
 - 3) Either statement I or II alone is sufficient to answer the question
 - 4) Neither statement I nor II alone is sufficient to answer the question
 - 5) Both statements I and II combined are sufficient to answer the question
- What is Anil's rank in the class?
- I. Anil is 10th from the bottom and eight students are sitting between Mohan and Anil
 - II. Seeta is 7th from the top and 36 students are sitting between Seeta and Anil

Answers

1. 1
2. 5
3. 1
4. 2
5. 1
6. 2
7. 3
8. Both the Statements 1 and 2 together are sufficient to answer the question
9. Only statement II alone is sufficient to answer the question