**Data Sufficiency Practice Test 5**

**Question 1**

**What are the dimensions of a certain rectangle?  
I.The perimeter of the rectangle is 68.  
II.The diagonal of the rectangle is 26.**

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 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 either in statement I or in statement II alone is sufficient to answer the question
4. If the data even in both statements I and II together are not sufficient to answer the question
5. If data in both statements I and II together are necessary to answer the question.

**Correct Answer: E**

**Question 2**

**Is y greater than x?  
I.3x + 2y = 11  
II.x - y = 2.**

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 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 either in statement I or in statement II alone is sufficient to answer the question
4. If the data even in both statements I and II together are not sufficient to answer the question
5. If data in both statements I and II together are necessary to answer the question.

**Correct Answer: B**

**Question 3**

**What is the difference between the ages of David and Jerry?  
I.The ratio of their present ages is 4: 3.  
II.The ratio between the present age of David and his age 4 years ago is 6 :5.**

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 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 either in statement I or in statement II alone is sufficient to answer the question
4. If the data even in both statements I and II together are not sufficient to answer the question
5. If data in both statements I and II together are necessary to answer the question.

**Correct Answer: E**

**Question 4**

**The ratio of the ages of Tom and Rex is 5:3.What is the ratio of their ages after 5 years?  
I.The sum of their ages is 48 years.  
II.The ratio of their ages 6 years ago was 2 : 1.**

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 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 either in statement I or in statement II alone is sufficient to answer the question
4. If the data even in both statements I and II together are not sufficient to answer the question
5. If data in both statements I and II together are necessary to answer the question.

**Correct Answer: C**

**Question 5**

**What % of p is q?  
I.y% of t is p  
II.x% of r is q**

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 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 either in statement I or in statement II alone is sufficient to answer the question
4. If the data even in both statements I and II together are not sufficient to answer the question
5. If data in both statements I and II together are necessary to answer the question.

**Correct Answer: E**

**Question 6**

**What will be the average of three numbers?  
I.The largest exceeds the smallest by 16.  
II.The differencebetween the first two numbers is 4.**

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 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 either in statement I or in statement II alone is sufficient to answer the question
4. If the data even in both statements I and II together are not sufficient to answer the question
5. If data in both statements I and II together are necessary to answer the question.

**Correct Answer: D**

**Question 7**

**How many votes did the winner get in the election of 16 electrorates.  
I,He got 150% more than his rival.  
II.He defeated his rival by 2.5 lakhs votes.**

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 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 either in statement I or in statement II alone is sufficient to answer the question
4. If the data even in both statements I and II together are not sufficient to answer the question
5. If data in both statements I and II together are necessary to answer the question.

**Correct Answer: E**

**Question 8**

**How many votes did the winner get in the election of 16 electrorates.  
I,He got 150% more than his rival.  
II.Of the 71% votes polled, the runner up got only 25%.**

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 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 either in statement I or in statement II alone is sufficient to answer the question
4. If the data even in both statements I and II together are not sufficient to answer the question
5. If data in both statements I and II together are necessary to answer the question.

**Correct Answer: E**

**Question 9**

**What is the average price of 11 pens?  
I. the average price of 5 pens is $. 20.   
II.The total price of remaining 6 pens is $. 90.**

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 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 either in statement I or in statement II alone is sufficient to answer the question
4. If the data even in both statements I and II together are not sufficient to answer the question
5. If data in both statements I and II together are necessary to answer the question.

**Correct Answer: E**

**Question 10**

**Find the average of 9 consecutive odd numbers.  
I.The seventh number exceeds the third number by 8.  
II.The seventh number is three times the second number**

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 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 either in statement I or in statement II alone is sufficient to answer the question
4. If the data even in both statements I and II together are not sufficient to answer the question
5. If data in both statements I and II together are necessary to answer the question.

**Correct Answer: B**

**Question 11**

**How much does each pineapple cost?  
I.Eight coconuts and 6 pineapples cost $. 96  
II.6 coconuts and 8 pineapples cost $. 100**

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 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 either in statement I or in statement II alone is sufficient to answer the question
4. If the data even in both statements I and II together are not sufficient to answer the question
5. If data in both statements I and II together are necessary to answer the question.

**Correct Answer: D**

**Question 12**

**In how many days will A alone do a job completely?  
I.A and B can do half of the job in 6 days.  
II.B alone can do the complete job in 20 days.**

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 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 either in statement I or in statement II alone is sufficient to answer the question
4. If the data even in both statements I and II together are not sufficient to answer the question
5. If data in both statements I and II together are necessary to answer the question.

**Correct Answer: E**

**Question 13**

**What percent of all the balls in the bag were red.  
I.There were exactly 6 red balls in the bag.  
II.The ratio of green to blue balls was 7:12.**

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 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 either in statement I or in statement II alone is sufficient to answer the question
4. If the data even in both statements I and II together are not sufficient to answer the question
5. If data in both statements I and II together are necessary to answer the question.

**Correct Answer: D**

**Question 14**

**What percent marks did Dipa get in a test of 4 subjects?  
I.She got 83 in Physics and 80 in English  
II.She got 95 in Maths and 72 in Chemistry.**

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 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 either in statement I or in statement II alone is sufficient to answer the question
4. If the data even in both statements I and II together are not sufficient to answer the question
5. If data in both statements I and II together are necessary to answer the question.

**Correct Answer: D**

**Question 15**

**What percentage is Q’s income of P’s income.  
I.Q’s income is 60% of R’s income.  
II.P’s income is 75% of R’s income.**

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 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 either in statement I or in statement II alone is sufficient to answer the question
4. If the data even in both statements I and II together are not sufficient to answer the question
5. If data in both statements I and II together are necessary to answer the question.

**Correct Answer: E**