

Data Sufficiency

Practice Exercise

Give answer (A) if the data in **Statement I alone** sufficient to answer the question.

Give answer (B) if the data in **Statement II alone** sufficient to answer the question.

Give answer (C) if the data either in **Statement I or in Statement II alone** are sufficient to answer the question.

Give answer (D) if the data even in **both Statements I and II together are not** sufficient to answer the question.

Give answer (E) if the data in **both Statements I and II together** necessary to answer the question.

1) How many Mondays are there in the month of March of any given year?

I. February 22nd was a Sunday.

II. April 3rd was a Wednesday.

2) How is L related to P?

I. L is the father of Q, who is the brother of R, who is the daughter of P.

II. L is the son-in-law of M and N, the spouse of M has only daughter called P.

3) Is X is divisible by 18?

I. X is divisible by 2.

II. X is divisible by 9.

4) Is X is divisible by 15?

I. X is divisible by 12.

II. X is divisible by 10.

5) Is X is divisible by 6?

I. X is divisible by 3.

II. X is divisible by 12.

6) How much an eraser costs less than a pen?

I. The cost of 3 pens, 2 books and 7 erasers is ` 50

II. The cost of a pen, a book and an eraser is ` 22

7) How many students are there in the queue?

- I. Ramesh is 10th from the left end of the row
- II. Suresh is 10 places right of Ramesh and is 10 places away from the right end of the row.

8) What is the percentage of profit made by the milk dealer?

- I. The cost price of the milk is ₹ 20 per litre.
- II. Milk is sold at cost price after adding 25% water.

9) Divya is twice as old as Shruti. What is the difference in their ages?

- I. In 5 years, the ratio of their ages would be 9 : 5.
- II. Ten years back, the ratio of their ages was 3 : 1.

10) The average height of 3 kids is 80 cms. Which kid is the tallest among them? [Wipro]

- I. Kid A is 80 cms tall.
- II. Kid C is 85 cms tall.

11) How many students are there in the queue?

- I. Raju is 16th from both the ends of the row.
- II. Shanti is 4 places left of Raju who is 9th from the left end of the row.

12) How much time did X take to reach the destination?

- I. The ratio between the speed of X and Y is 3 : 4.
- II. Y takes 36 minutes to reach the same destination.

13) Between Akash and Tom, who works slower?

- I. Working along with Jayant, Akash can complete a work in 20 days while Tom and Jayant can complete the same work in 30 days.
- II. Akash can work twice as fast as Mohan, while Mohan works thrice as fast as Tom.

14) The towns A, B and C are on a straight line. Town C is between A and B. The distance from A to B is 100 km. How far is A from C?

- I. The distance from A to B is 25% more than the distance from C to B.
- II. The distance from A to C is $\frac{1}{4}$ of the distance C to B.

15) How is X related to Y?

- I. X's father's sister's is Y.
- II. X's mother's son's son is Y.

16) How many girls are there in the family of 7 children?

- I. Each boy has number of brothers equal to number of sisters.
- II. Each girl in the family has twice as many brothers as sisters.

17) Who is the tallest among the group of friends named Shashi, Ramu, Govind, Naveen and Ashok?

- I. Naveen is taller than Shashi and Ramu but shorter than Govind.
- II. Ashok is taller than Ramu but shorter than Naveen.

18) Amit bought three apples and a mango for ₹ 14. what is the price of each mango?

- I. The price of five apples and two mangoes is ₹ 13 less than six apples and four mangoes.
- II. The price of an apple is equal to the price of two mangoes.

19) Find the value of $x - z$?

- I. $9x + 5y + 6z = 80$
- II. $x + y + 2z = 12$

20) A team of 3 members have to be selected from a five members A, B, C, D and E. Is B selected?

- I. If A is selected, E cannot be selected.
- II. If D is selected, C cannot be selected.

21) Which is the eleventh day of given month?

[AMCAT]

- I. The last day of the month is Friday
- II. The third Monday of the month was sixteenth

22) Six persons P, Q, R, S, T and U sit around a circular table. P and U sit opposite to each other. Who are the persons adjacent to P?

- I. Q is adjacent to T but not to P.
- II. U is not adjacent to R.

23) Find the value of $9x - 5y$?

- I. $45x - 25y = 135$
- II. $2x + 6y = 21$

24) In a certain code language,

'1 5 4' means 'I am good' and

'3 6 5' means 'You are good.'

What is the meaning of '4' in that code?

I. '4 3 9' means 'You and I'.

II. '7 3 6' means 'you are nice'.

25) In a race, five friends A, B, C, D and E finished the race in five different positions from first to fifth. Who finished first?

I. C finished after D and E but before A

II. B finished before E but B was not the first to finish.



Check the Answers

1	C	6	E	11	A	16	C	21	B
2	C	7	E	12	E	17	E	22	E
3	E	8	B	13	C	18	C	23	A
4	E	9	C	14	C	19	E	24	A
5	B	10	E	15	D	20	E	25	E