

## DATA SUFFICIENCY

The question consists of a problem question followed by two statements 1 and II. Find out if the information given in the statement(s) is sufficient in finding the solution to the problem.

### OPTIONS

- A. Statement I alone is sufficient in answering the problem question
- B. Statement II alone is sufficient in answering the problem question
- C. Both statements put together are sufficient in answering the problem question
- D. Both the statements even put together are not sufficient in answering problem question
- E. Either of the statement is sufficient in answering the problem question

1. The salaries of A and B are in the ratio 2:3. What is the salary of A?

Statements:

- I. The salary of B is Rs. 8000.
- II. The total salary of A and B is Rs.15000.

2. How is sangeetha related to manoj?

Statements:

- I. Manoj is the only son of sangeetha's father
- II. Rohit is manoj's father.

3. Out of four balls P, Q, R, S find out the smallest one?

Statement:

- I. Q is bigger than P, but smaller than S
- II. R is smaller than Q

4. Among five friends A, B, C, D and E, who is the tallest?

Statements:

- I. B is taller than A, but smaller than D and E.
- II. C is smaller than B.

5. Soha ranks fifth in the class. How many students are there in the class?

Statements:

- I. One of her friends got 40<sup>th</sup> rank which is the last rank in the class.
- II. Her rank from middle is 17

6. Sharmila is a chemistry teacher. She forgot to bring her time-table and now wants to find out the schedule for XI-B. She knows that there are four subjects taught- Physics, Chemistry, Mathematics and Biology- In four consecutive periods of one hour each starting from 9.00 a.m. At what time is the chemistry period scheduled?

Statements:

- I. Mathematics period ended at 11.00 a.m., which was preceded by biology.
- II. Physics was scheduled in the last period.

7. Four people – A, B, C and D are sitting in a row. Who is sitting at the extreme right?

Statements:

- I. C is to the left of D
- II. B is to the left of A

## DATA SUFFICIENCY

8. In which year was Rashmi born? Statements:

- I. Rashmi is four years younger to her brother
- II. Rashmi's brother was born in 1998

9. Is Radha Manju's sister?

Statements:

- I. Rahul has two daughters of which Manju is one.
- II. Radha's mother is married to Rahul.

10. What is the value of x?

Statements:

- I. The square of x is 36
- II.  $x(x-6) = 0$

11. Seven persons from A to G are sitting in a linear row facing towards north. Who is sitting at the right end?

Statements:

- I. B is second to the left of D, who is on the immediate right of A. C is third to the left of G, who is an immediate neighbor of B.
- II. A is on the immediate right of B. F, who does not sit at an extreme end is third to the left of B. G is third to the left of D.

12. What is the difference between the total number of males and females in the family?

Statements:

- I. Veena has six daughters, who have a brother. Veena is the wife of Shyam.
- II. Shyam is the father of six daughters. Ram's mother Veena is married to Shyam. Ram is a male.

13. Among five persons – A, B, C, D and E each one of different height, who is the tallest?

Statements:

- I. B is taller than C and D but shorter than E who is not the tallest.
- II. E is taller than B and C but shorter than A.

14. What is the floor number of C in the 5 storey apartment?

Statements:

- I. A's floor, which is adjacent to C, is exactly below E's floor which is fifth floor.
- II. C's floor is exactly above F's floor, whose floor is exactly above B's floor which is first.

15. On which day Meena goes to Goa?

Statements:

- I. According to Meena's sister Meena goes to Goa after Tuesday and before Sunday but she did not go to Goa on Thursday.
- II. According to Meena's father Meena goes to Goa after Monday and before Saturday.

16. What is the amount of cement exported from China?

Statements:

- I. China's export to America is 65,000 tones and this is 8% of the total cement exports.
- II. China's total export of cement is 15% of the total of 1 million tones.



## DATA SUFFICIENCY

17. How is Sita related to Rita?

Statements:

- I. Gita is the sister of Rita
- II. Gita is Sita's daughter.

18.  $x, y, z$  are three distinct integers. Is  $y$  the greatest of the three?

Statements:

- I.  $x$  is less than at least one of the two integers  $y$  and  $z$ .
- II.  $z$  is less than at least one of the two integers  $x$  and  $y$ .

19. What is the monthly salary of my father?

Statements:

- I. My father's and mother's salaries are in the ratio 5:2 respectively
- II. My mother's salary is 40% of that of my father's salary.

20. On which day was the car purchased by shruti in 2009?

Statements:

- I. Certainly before 19<sup>th</sup> October, 2009, but definitely not before 16<sup>th</sup> October, 2009
- II. Certainly after 17<sup>th</sup> October, 2009 but not later than 20<sup>th</sup> October 2009

