DATA SUFFICIENCY

Directions: The questions below consist of a questions followed by two statements labeled as I and II you have to decide if these statements are sufficient to conclusively answer the question. Give your answer as

- (a) If statement I alone is sufficient to answer the question;
- (b) If statement II alone is sufficient to answer the questions
- (c) If statement I and II together are needed to answer the question
- (d) If statement I or II alone are sufficient to answer the questions
- (e) If statement I and II together also are not sufficient to answer the questions.

1. X borrowed Rs. 1,000 from Y on simple interest. What is the rate of interest per annum?
   I. After four years, X paid Rs. 100 as interest
   II. After four years, X paid 1,100 to settle the loan

2. What is total salary of Mr. X and his wife at present?
   I. Salary of X and his wife together is 20% more than what they earned last month.
   II. Last year salary Of X was Rs. 600 more than of his wife.

3. Which one of the integers a, b, c, d and e are odd numbers?
   I. a, b, c, d, and e are consecutive numbers
   II. c is an even number

4. What is the total number of unemployed?
   I. 30% of the total number of unemployed, are the educated unemployed.
   II. The remaining are uneducated unemployed

5. Who among P, Q, S T, V and W is the shortest?
   I. S is taller than T, P and W and is not the tallest
   II. T is shorter than Q but is not the shortest.

6. How many sisters does P have?
   I. M and T are sisters of K.
   II. D is husband of B who is mother of K and P

7. A, B, C, D four persons show their work on consecutive days of a month. It is not necessary that the order is same. On which day 'C' will show work
   I. Shows start on 23rd day and D does the show next day
   II. A does not show his work on 25th. One of them shows between A and B.

8. A, B, C, D and F are five persons, sitting on a round table facing towards centre of a table. Who is sitting on right side of B?
   I. D is sitting between A and F
   II. C is sitting between B and F

9. How is M related to P?
   I. P's mother and K are sisters
   II. M is the only child of D and K

10. What K's rank from the bottom in a class of thirty students?
    I. M's position is 3rd from the top and there are five students between M and K
    II. P's position is 4th from the bottom and there are 7 student between P and K

11. What does 'pit' stand for in a certain a code language?
    I. 'na ja ho' means 'how and why' in that code language.
    II. 'ja pit ka' mans 'how they went' in the code language.

12. Who is to the immediate right of Mohan when Mohan, Salil, Bhushan, Suresh and Jayesh are sitting around a circle facing at the centre
    I. Salil is 3rd to the left of Mohan
    II. Bhushan is between Salil and Jayesh

13. How is N related to K?
    I. N's brother is married to D
    II. D's sister is married to K

14. B is the brother of D, D is the sister of K, K is the brother of M. How is M related to B?
    I, P is mother of B.
    II. H is husband of P.
15. Who among N, T, P, J and D is the youngest?
    I. P and J are younger than N and D
    II. T is younger than N, D and P but older than J
16. Who among T, R and S is (are) to the east of P?
    I. R, who is to the west of P, is not as near to S as P is, S is in the farthest East.
    II. P is not as far away from S as T is
17. Who amongst A, B, C, D and E was the first to reach the function?
    I. B, who reached earlier than E, A, and C, was not the first reach.
    II. A, who reached earlier than E and C, could not reach earlier than D, who was at the function before B.
18. How many students did secure I Class in a class of 48 students?
    I. Double the number of I class students secured II class and all the remaining failed.
    II. Number of students failed was twice the number of I class students in the class.
19. How is Nisha related to Nidhi?
    I. Nisha's mother is sister of Nidhi's father
    II. Nidhi is the daughter of Nisha's grandmother's son
20. What is the color of the fresh grass?
    I. Blue is called green, red is called orange; orange is called yellow.
    II. Yellow is called white, white is called black, green is called brown and brown is called purple
21. What is the value of 144$16*7#9?
    I. '$' means '/', '*' means 'x' and '#' means '+'.
    II. 16$4*2#2 = 10
22. How many children are there in the row of children facing North ?
    I. Vasudha who is fifth from the left end is eighth to the left of Anish who is twelfth from the right end.
    II. Rahul is fifth to the left of Neeta who is seventh to the right end and eighteenth from the left end.
23. What is 4th consecutive even number in a given series of even real numbers?
    I. The sum of Ist two numbers is 18.
    II. The sum of last two numbers is 26.
24. What will be the age of Saurabh after 5 years from now .
    I. Saurabh is 30 years younger than his father
    II. His father was 50 years old 5 years ago.
25. In a class of 60 students how many boys scored 80% in the Chemistry test ?
    I. Exactly 5 girls scored over 80% in the test.
    II. $2/3^{rd}$ of the class scored over 80% in the test.