Data Sufficiency

Direction (1-5) In each of the questions below consists of a question and two/three statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and

Give answer

(1) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question

(2) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question

(3) If the data either 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 together are not necessary to answer the question.

(5) If the data given in both statements I and II together are sufficient to answer the question.

1. How "material" coded in the code language?
Statement: (I) In that code language 'tell me the material' is coded as '@0#9'.
(II) In that code language 'some material was black' is coded as '187#' and 'some people like black' is coded as ' 875%'.

2. Is Deepti be mother of Swati?
Statement: (I) Lalit is husband of Deepti. Lalit have only three children.
(II) Naveen is brother of Swati and Preeti. Preeti is daughter of Lalit.

3. Five persons Ankit, Brajesh, Chaitanya, Dipak and Eshi are sitting around a circular table facing to the centre. Who is second left of Dipak?

Statement: (I) Chaitanya is second left of Ankit. Brajesh and Dipak are immediate neighbours of each other.
(II) Dipak is immediate left of Brajesh. Eshi is not immediate neighbour of Dipak and Brajesh.

4. Five persons Jasmine, Kavita, Lovely, Manish and Neetu who have different heights. Who have second longest height?
Statement: (I) Neetu is longer than Manish and Kavita. Kavita is smaller than Manish.
(II) Lovely is longer than Neetu. Jasmine is not the longest.

5. How many boys are there in the class?
Statement: (I) Number of boys in the class is more than 20 but less than 27.
(II) Number of boys in the class is more than 25 but less than 31.

Direction (6-10) In each of the questions below consists of a question and two/three statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and

Give answer-

(1) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

(2) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

(3) If the data either 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 together are not necessary to answer the question.

(5) If the data given in both statements I and II together are sufficient to answer the question.

6. Renu give examination on which month of a same year?
(I) Renu's brother correctly remembers that Renu give the examination after April but before November and that month have 30 days.
(II) Renu's sister correctly remembers that Renu give the examination after June but before December and that month does not have 31 days.

7. Five persons Prachi, Qamini, Ruchi, Sonali and Tiya are sitting around a circular table facing to the centre. Who is second to the right of Sonali?
(I) Two persons are sitting between Sonali and Tiya. Only one person is sitting between Tiya and Qamini. Prachi is an immediate neighbour of Tiya.
(II) Ruchi is second to the left of Sonali. Only one person is sitting between Ruchi and Prachi. Qamini is not a immediate neighbour of Prachi.

8. Is Manisha, aunty of Tanya?
(I) Kapil is son of Manisha. Kapil is brother of Jasmine. Jasmine is daughter of Dinesh. Neha is sister of Dinesh. Tanya is daughter of Neha.
(II) Lalit is father of Tanya. Neha is mother of Tanya. Dinesh is brother of Neha. Dinesh have two children Jasmine and Kapil. Manisha is married to Dinesh.

9. Point L is in how much distance and in which direction from point P?
(I) Point M is 5 mt. south from point L. Point N is 7 mt. east from point M. Point O is 5mt.north from point N. Point P is in east direction of Point O.
(II) Point L is 19 mt. west from point S. Point S is 5mt. north from point R. Point Q is 7mt. west from point R. Point P is on the north of point Q in as way that Point Q and Point P make the 5mt. straight line.

10. Seven persons Praniti, Qasim, Ritik, Suraj, Tina, Uvi, Vaishali are standing in a row facing to the north. What is the position of Vaishali from right end?
(I) Qasim stands one of the ends of the row. Only two persons are standing between Qasim and Ritik. Vaishali is an immediate neighbour of Ritik.
(II) Suraj stands one of the ends of the row. Only four persons are standing between Suraj and Tina. Vaishali is an immediate neighbour of Tina.

Direction (11-14) In each of the questions below consists of a question and two/three statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and Give answer
(1) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are no sufficient to answer the question
(2) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question
(3) If the data either 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 together are not necessary to answer the question.
(5) If the data given in both statements I and II together are sufficient to answer the question.

11. In a certain code language 'A Y J is coded as '9 2 7'. How 'J' coded in that code language?
(I) In that code language, 'J O S' is coded as '7 3 8'.
(II) In that code language, 'Y J S' is coded as '2 7 8'.

12. How is Vishal related to Ritu?

(I) Ritu is daughter of Ganesh. Ganesh and S are children of Kavita. Vishal is husband of Kavita.
(II) Mohini is married to Ganesh. Mohini is Ritu's mother. Vishal is Ganesh's father.

13. What is Dharmesh's current position?
(I) Dharmesh walks 4km. towards north and turns to left direction. Then he walks 5 km.
(II) Dharmesh covers total 20 km. distance. At the end, he walks 11 km. from right.

14. How many teachers are there in the dancing class?
(I) Number of male teachers is half of the number of female teachers.
(II) There is one teacher on every 15 girls. Number of girls are greater than number of boys.

Direction (15-19) In each of the questions below consists of a question and two/three statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and Give answer
(1) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question
(2) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question
(3) If the data either 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 together are necessary to answer the question.
(5) If the data given in both statements I and II together are not sufficient to answer the question.

15. Point T is on how much distance from point S?

(I) A person starts walking from point S to south
direction and walks 15 mt then turns to right direction and walk 4mt. After this he turned to his left and walk 7 mt. Again, he turns to left and walk 4mt and reached to point If
(II) A person walks 14mt to east direction from point S and turn to the left and walk 3mt. Again, he turns to left and walks 14mt. and reached to point H. If he turns to right from point H and walks 5 mt then he becomes remain 27 mt far from point T.

16. How "village" coded in the code language?
(I) In that code language 'store me the village' is coded as '@0#9'.
(II) In that code language 'ask village was black' is coded as '187#' and 'ask good like black' is coded as '875%'.

17. Is D be mother of S?
(I) L is husband of D. L have only three children.
(II) N is brother of S and P. P is daughter of L.

18. Five persons An, Br, Ch, Di and Es are sitting around a circular table facing to the centre. Who is second left of Di?
(I) Ch is second left of An. Br and Di are immediate neighbours of each other.
(II) Di is immediate left of Br. Es is not immediate neighbour of Di and Br.

19. Five persons Ja, Ka, Lo, Ma and Ne who have different heights. Who have second longest height?
(I) Ne is longer than Ma and Ka. Ka is smaller than Ma.
(II) Lo is longer than Ne. Ja is not the longest.

Directions (20) Each of the following questions below consist of a question and two statements numbered I and II are given below it. You have to decide whether the data provided in the statements are sufficient to answer the question.

(1) I alone is sufficient while II alone is not sufficient

(2) II alone is sufficient while I alone is not sufficient

(3) Either I or II is sufficient

(4) Neither I nor II is sufficient

(5) Both I and II are sufficient

20. What will be the total weight of 10 bags, each of the same weight ?

Statements: 1. One-fourth of the weight of each bag is 5 kg.

2. The total weight of three bag is 20 kilograms more than the total weight of two bag.