**Data Sufficiency**

**Directions (1-5): Each of the questions below consists of a question and two 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 statements and give the answer**

(a) 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.

(b) 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.

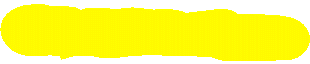
(c) if the data either in statement I alone or in statement II alone are sufficient to answer the question.

(d) if the data in statements I and II together are not sufficient to answer the question.

(e) if the data in statements I and II together are necessary to answer the question.



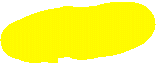
**1. On which date did Siddharth leave for Jaipur in January month?**



I. Siddharth takes leave for one week from his office in January month starting from 5th January.



II. Siddharth’s mother correctly remembers that Siddharth leaves for Jaipur after the 5th but before the 7th of January.



**2. Five persons A, B, C, D and E are sitting around a circular table with all of them facing towards the centre. Who sits immediately left of B?**



I. A sits third to the right of B. C sits third to the right of A.



II. B sits immediately left of C who sits second to left of A. D does not sit adjacent to B.



**3. What is the code of “called”?**



I. In certain languages, “meeting had been called” is written as “sx vt bv mp” and “they called every time” is written as “bv ct fa jl “.



II. “you called every hour” is written as “ca bv jl ma”.



**4. Point S is in which direction concerning point Y?**



I. Point S is north of Point X. Point X is east of Point T. Point T is north of Point V which is west of Point Y.



II. Point Y is west of Point X. Point X is west of Point T which is north of V. Point V is east of Point S which is south of Point X.



**5. Five persons A, B, C, D and E are of different weights. Who is the heaviest?**

I. B is heavier than C and D but lighter than E which is not the heaviest.



II. E is heavier than B and C but lighter than A.



**Directions (6-10): Each of the following questions below consists of a question and two 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 answer.**

(a) 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.

(b) 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.

(c) if the data in either statement I alone or in statement II alone are sufficient to answer the question.

(d) if the data in statements I and II together are not sufficient to answer the question.

(e) if the data in both statements I and II are together necessary to answer the question.

**6. Who amongst A, B, C, D and E is the shortest?**

I. A is taller than B. E is not the tallest.



II. C is taller than A. D is not the tallest.

**7. How is B related to E?**



I.M and Z are brothers of B and E is the son of Z.



II.D is the mother of U who is the son of B.



**8. In which month of the year did Rinku go to Switzerland for a vacation?**

I. Rinku correctly remembers that she went on a vacation in the first half of the year.



II. Rinku’s husband correctly remembers that they went on a vacation after 31st March but before 1st May.



**9. Is P being the maternal aunt of M?**

I. A is the son of P. A is the brother of B. B is the daughter of C. F is the sister of C. M is the daughter of F.



II. D is father of M. F is the mother of M. K is the brother of F. K has two children J and R. P is married to K.



**10. Among V, W, X, Y and Z, seated in a straight line facing south, who sits in the middle?**

I. W sits second to the right of V. Z is not an immediate neighbour of Y.

II. V sits third to the left of Y. W sits on the immediate right of X.



**Directions (11-15): Each of the following questions below consists of a question and two 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 answer.**

(a) 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.

(b) 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.

(c) if the data in either statement I alone or in statement II alone are sufficient to answer the question.

(d) if the data in statements I and II together are not sufficient to answer the question.

(e) if the data in both statements I and II are together necessary to answer the question.

**11. Point A is in which direction concerning point B?**

I. Point D is to the east of point A. Point A is to the south of point F. Point B is to the southwest of point D.

II. Point F is to the northwest of point B. Point B is to the south of Point D which is east of Point F. Point A is north of Point D.

**12. On which day of the same week is Lalit’s exam scheduled (Monday being the first day of the week)?**

I. Lalit correctly remembers that his exam is scheduled on the day after Tuesday but before Thursday of the same week.

II. Lalit’s father correctly remembers that Lalit’s exam is scheduled for the third day of the week.

**13. How many marks has Janki scored in the test? (Maximum marks 20)**

I. Janki scored two-digit marks. Her marks were not in decimals.

II. Janki scored more than 9 marks in the test. Her marks are perfectly square.

**14. P, Q, R, S and T are sitting in a row with all of them facing towards the north direction. Who is second to the left of P?**

I. R is to the immediate left of T and second to the right of S.

II. Q is to the immediate right of S and a third to the left of P.

**15. Who is sitting to the immediate right of Manisha among five friends sitting around a circle facing the centre?**

I. Shreya is sitting exactly between Kajal and Sneha and Raj is sitting to the immediate right of Sneha.

II. Manisha is sitting exactly between Kajal and Raj and Shreya is sitting to the immediate right of Kajal.

**Directions (16-20): Each of the questions below consists of a question and two 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 all the statements and answer the following questions.**

(a) If the data in statement**I alone**are sufficient

(b) If the data in statement**II alone**are sufficient

(c) If the data**either** in statement**I alone or statement II alone** are sufficient to answer

(d) If the data given in **both I and II together**are**not**sufficient

(e) If the data in both the **statements I and II togethe**r are necessary to answer

**16. How many students are there between Raj and Ajitha in a row of 40 students?**

**I.**Raj is 7th from the left end, and Ajitha is 17th from the right end.

**II.**Raj is 6 places away from Jeni, who is 20th from the left end.

**17. How many boys students are there in the class?**

**I.**65%girls’ students are there in the class

**II.** The no of boy’s students is half that of girls

**18. Which among the five trains P, Q, R, S and T is the best?**

**I.**S train is better than the T train, P train and R train but not as good as the Q train

**II.**S train is better than the R train but not as good as Q which is better than the T train

**19. What was the total of the blue team of Jaypee College?**

**I.**Manish correctly remembers that the blue team scored a total of above 82 but below 91

**II.**Arvind correctly remembers that the blue team scored above 77 and below 84

**20. How is X related to Y?**

**I.**Y is the son of U, who is the wife of V, X is the son of W who is the father-in-law of V

**II.**V is the brother of X and son of W who is the father-in-law of U, who is the mother of Y.

**Directions (21-25): Each of the questions below consists of a question and three statements numbered I, II, and III given below it. You have to decide whether the data provided in the statements are sufficient to answer the question.**

**21. What will be the day on 15th August of the next year?**

**(I)**7th March of the next year will be Tuesday.

**(II)** Next year will be a leap year.

**(III)** Present year is not a leap year.

(a) Only I

(b) Only I and II

(c) Only I and III

(d) All I, II & III

(e) Data inadequate

**22. How many sons does S have?**

**(I)**A’s father R is a husband of S.

**(II)**Out of the three children of R, only one is a girl.

**(III)** R and B are brothers of A.

(a) Only I and III

(b) All I, II & III

(c)Only II &III

(d)Data inadequate

(e)Only I and II

**23. How is ‘bold’ written in a code language?**

**(I)**‘Copper hears nominal well ‘is written as ‘Xz  Ix Nq Zi’  in that code language.

**(II)** ‘you come well copper’ is written as ‘Ji  Ix Xz Zi’ in that code language.

**(III)**‘well bold copper hear nominal’ is written as ‘Nq Mu Ix Zi  Xz ‘ in that code language.

(a)Only I &II

(b)Only II &III

(c) Only I & III

(d)Data inadequate

(e) All are required

**24. Who among A, B, C, D, E and F is the tallest?**

**(I)**Only two of them are taller than C.

**(II)** D is shorter than F.

**(III)** C is taller than A but shorter than F and B.

(a) Only I and II

(b) Only II and III

(c)  Only I and III

(d) Data inadequate

(e) All are required

**25. What is the direction of village P concerning village W?**

**(I)**Village P is to the east of Village A and the south of Village B.

**(II)**Village X is to the south of Village P and Village W is 2m away from Village X.

**(III)**Village M is to the northeast of Village P and W is to the east of Village X.

(a) Only III

(b) Only I and II

(c) Only II and III

(d) Question cannot be answered even with all I, II & III

(e) None of these

**Directions (26-30): Each of the questions below consists of a question and two 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 answer.**

(a) if the data in statement **I alone** are sufficient to answer the question, while the data in s**tatement II alone are not sufficient** to answer the question.

(b) 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.

(c) if the data **either in statement I alone or in statement II alone**are sufficient to answer the question.

(d) if the data given in **statements I and II together are not sufficient** to answer the question.

(e) if the data in **statements I and II together are necessary** to answer the question.

**26. Office X is in which direction concerning Office Y?**

**I.**X is to the east of Z, which is to the north of Y.

**II.**W is to the east of Y and the south of X.

**27. How is L related to N?**

**I.** K is the daughter of L, and N is the daughter of M.

**II.**K is the mother of N, who is the sister of O.

**28. Who among P, Q, R, S and T stood first in a class test?**

**I.**Q is in the middle from either side and S is at the bottom according to their ranks.

**II.**P and T are immediate neighbours of Q if they are made to sit according to their ranks.

**29. What is the code for ‘running’ in a certain code language?**

**I.**In that code language ‘ram running too fast’ is written as ‘po he chh to’.

**II.** In that code language ‘he is running very fast’ is written as ‘ha ni he ma po’.

**30. Among Sanjeev, Rajeev, Gautam, Ranjit, Amit and Mithilesh, who is on the immediate left of Gautam?**

**I.** Gautam is sitting between Sanjeev and Amit.  Amit is on the extreme right.

**II.**Gautam is third to the right of Mithilesh and second to the left of Ranjit.