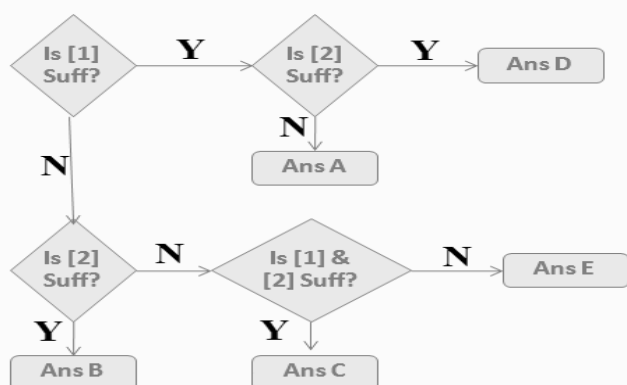




DATA SUFFICIENCY

THOUGHT PROCESS BY FLOW CHART

Step by step approach for data sufficiency



- The data sufficiency questions are designed to test our reasoning and logical ability, rather than the mathematical skills.
- Data sufficiency questions are designed to check a student's ability to analyse & categorise information based on underlying concepts rather than calculations. So you should try to observe, analyse and to find linkages between various statements rather than doing lengthy calculations.

Approach

Don't Calculate

Example

Question

How much was a CARD worth in January 1991?

- In January 1997 the card was worth \$100,000.
- Over the ten years 1987-1997, the card increased in value by 10% each 12 months.

explanation

Statement (1) is insufficient. **The trick: Don't do the calculation.** Only check without a rate of change you can't give answer.

Statement (2) is insufficient. **Don't do the calculation.** Only check without a base value between 1987 and 1997, you can't give answer.

Using statements (1) and (2) together, you could calculate the value in 1991. Since you need both statements to find the value, the answer is option (C).

Approach

Keep separate

Example

How many adults ride bicycles in city A if all adults in city A either ride bicycles or drive cars?

- 85% of the 10,000 adults in city A drive cars.
- 8,500 adults in city A drive cars

explanation

Always read each statement individually.

When you read statement (2), forget what you read in statement (1) so you can evaluate statement (2) alone.

The only time to combine the statements is when each of them is insufficient alone.

Since statement (1) alone is sufficient, the correct answer is option (A).

APPROACHES IN DETAIL

Applicable For questions on → Problems on ages → Time-speed-dist → Interest-SI-CI → Profit-loss . So on....

Approach

No. of equations (EQ) = no. of unknowns (UN)

1. If EQ = UN → definite solution (data sufficient to solve question)

If EQ < UN → No solution (data not sufficient to solve question)

Example

What is the age of shubam?

1. Twice the age of shubham, when added to shyam's age gives 72 years

2. 10 years later, shubham will be 38 years old

Solution: Let's say Shubam = x Shyam = y

Statement 1:

Unknowns UN = 2 (shubham, shyam)

Equations EQ = 1 ($2x + y = 72$)

UN > EQ → data not sufficient

Statement 2:

UN = 1 (shubham)

EQ = 1 ($x + 10 = 38$)

UN = EQ → data sufficient.

Example

What is the age of shubam?

1. Shubham is 12 years older than Shyam.

2. Four years later, shyam will be 12 years younger than Shubham.

no. of unknowns (UN) = 2

No. of equations (EQ) = 1

If you see carefully statement 1 & 2 represent only one EQ.

So UN > EQ data not sufficient to answer.

Note: no need to assume x,y. It is for your understanding. You have to check only no. of UN & EQ directly in a question. Within 4-5 second you can answer.

Approach:

Applicable For questions on → Comparisons/linear arrangements/sitting arrangement/building floors/weekdays

Write data given in the two statements in the form of inequalities (see example). Then see if the two can be combined into single (common letter) to get answer

Example

Among four friends who is the heaviest?

B is heavier than A.

C is lighter than B.



Solution

Statement1:

$D > B > A$

Statement2:

$B > C$

Above two inequalities can be combined through common letter B.

$D > B > A > C$ (data sufficient both statements required to give answer)

Example

A, B, C, D, E are sitting in a row. B is sitting between A & E. who is sitting in the middle?

A is sitting left of B but right of D.

C is sitting on the extreme right.

Solution

Question itself says $A > B > E$

Statement1:

$D > A > B$

Statement2:

$All > C$

Combine into single inequality

$D > A > B > E > C$ (data sufficient both statements required to give answer)

For questions on → Blood relationships

Approach

We need to check only three aspects

1. Generation levels
2. Sex of a member Male/Female
3. Relationship

These three points are enough to check data sufficiency without making a tree diagram.

Example

How is S related to Q?

Q is the father of P

P is brother of S.

Solution: from above there is 1 generation level gap between Q & S. sex of S we don't know. So can't determine how S related to Q. S can be daughter or Son.

Directions: Each of the questions below consists of a question and some statements. You have to decide the data provided in which of the **statements are sufficient to answer or not** the question and choose your answer accordingly.

PREVIOUS YEAR QUESTIONS

Q1.

How many marbles does Sanjay have ?

I. Sanjay has 3 times more marbles than Ahmed.

II. Ahmed has one third the number of marbles which Suresh has who has as many marbles as Sanjay.

(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 data in Statement I alone are not sufficient to answer the question.

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

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

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

Q2.

How is Ramesh related to Lata?

I. Yogendra is Lata's father.

II. The only sibling of Ramesh's maternal aunt is married to Yogendra.

(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 data in Statement I alone are not sufficient to answer the question.

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

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

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

Q3.

If 'world peace is important' is written as 'ni pe la so' in a code language what is the code for peace?.

I. 'an important call' is written as 'ka so ba'.

II. 'this world map' is written as 'de la ni ru'.

(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 data in Statement I alone are not sufficient to answer the question.

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

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

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

Q4.

In which direction is Neha walking?

I. Neha Walked 15 kms from the starting point and took a left turn



II. She was walking towards north before taking a left turn.

(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 data in Statement I alone are not Sufficient to answer the question.

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

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

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

Q5.

What was the day of the week on fifteenth of the month ?

I. The first Sunday of the month was sixth.

II. The last day of the month was " thirty first.

(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 data in Statement I alone are not Sufficient to answer the question.

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

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

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

Q6.

On which day was Yasir born? (His date of birth is February 29)

I. He was born between year 2005 and 2011.

II. He will complete 4 years on February 29 2012.

(a) if the data in statement11 alone is sufficient to answer the question while the data in statement II alone is not sufficient to answer the question.

(b) if the data in statement II alone is sufficient to answer the question while the data in statement I alone is not sufficient to answer the question. "

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

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

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

Q7.

Out of 64 students 38 play both chess and cricket. How many students play only chess?

I. Out of 64 students 22 students don't play any game. 4 students play only cricket.

II. Out of 64 students 20 are girls and 10 of them don't play any game.

(a) if the data in statement11 alone is sufficient to answer the question while the data in statement II alone is not sufficient to answer the question.

(b) if the data in statement II alone is sufficient to answer the question while the data in statement I alone is not sufficient to answer the question. "

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

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

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

Q8.

How many sisters does Priya have ?

I. Rohan Priya's brother has only two siblings.

II. Priya's grandparents have two children and two granddaughters.

(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 given in both the statements I and II together are not sufficient to answer the question and

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

Q9.

On which day of the week was Shahid born ?

I. Shahid's mother correctly mentions that he was born before Friday and after Tuesday.

II. Shahid's father correctly remembers that Shahid was not born on a Wednesday.

(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 given in both the statements I and II together are not sufficient to answer the question and
(e) if the data in both the statements I and II together are necessary to answer the question

Q10.

Who is the heaviest amongst P Q R S and T ?

I. R is heavier than Q but not as heavy as T.

II. P is heavier only than S.

- (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 given in both the statements I and II together are not sufficient to answer the question and
(e) if the data in both the statements I and II together are necessary to answer the question

Q11.

Is the time in the clock 3 O'clock now ?

I. After fifteen minutes the minute and the hour hands of the clock will make a straight line.

II. The train which is running late by exactly three hours from its scheduled time of arrival i. e. 11 A. M. has reached now.

- (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 given in both the statements I and II together are not sufficient to answer the question and
(e) if the data in both the statements I and II together are necessary to answer the question

Q12.

How is 'got' coded in the language?

I. 'I got good marks' is written as 'pe li ta so' and 'she has got cold' is written as 'je ra so ki' in the code language.

II. 'what have you got is written as 'de wa so me' and 'Brazil got four goals' is written as 'di hi fe so' in the code language.

- (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 given in both the statements I and II together are not sufficient to answer the question and
(e) if the data in both the statements I and II together are necessary to answer the question

Q13.

In which month of the year did (the construction of the building begin ?

I. The construction engineer correctly remembers that the construction began before September but after May and that particular month did not have 31 days

II. The builder correctly remembers that the construction began after February but before October and the fact that that particular month did not have 31 days.

- (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 Statement I alone or in Statement II alone are sufficient to answer the question.
(d) if the data in both the Statements I and II together are not sufficient to answer the question.
(e) if the data in both the Statements I and II together are necessary to answer the question.

Q14.

How many runs did Team X make ?

I. The umpire of the match correctly mentions that had the batsman from team X scored two more runs the team would have won the. match by 28 runs.

II. The coach correctly mentions that the batsman from Team. X missed his century by two runs.

- (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 Statement I alone or in Statement II alone are sufficient to answer the question.



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

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

Q15.

Who among P Q R and S is the shortest ?

I. S is not as tall as R but is taller than Q.

II. R is not the tallest.

(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 Statement I alone or in Statement II alone are sufficient to answer the question.

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

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

Q16.

Q17.

Is Jay a sibling (brother or sister) of Rishi ?

I. Jay's mother Shalini is the only child of Rishi's grandfather then

II. Rishi's father has a daughter Smita of whom Jay is a brother.

(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 Statement I alone or in Statement II alone are sufficient to answer the question.

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

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

Q18.

Is S T's aunt ? Statements

I. K is the father of two children P and T.

II. T is S's niece.

(a) if the data in Statement 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 both the Statements I and II are not sufficient to answer the question.

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

Q19.

Who among S T U and V is the tallest ? Statements

I. U is shorter than only T.

II. V is taller than only S.

(a) if the data in Statement 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 both the Statements I and II are not sufficient to answer the question.

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

Q20.

Out of three friends L M and N each one likes Chocolates Icecream or Chips (not necessarily in the same order). Who out of the three likes Chips ?
Statements

I. L does not like Chocolates.

II. N likes Icecream.

(a) if the data in Statement 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 both the Statements I and II are not sufficient to answer the question.

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

Q21.

Hew is 'last' coded in that code language ?



I. 'heavy rains last night' is coded as 'na ke ja lo' and 'finished last in race' is coded as 'so lo to pa'

II. 'the furniture should last is written as di wi lo be' and 'give me last chance' is written as 'lo fa ra qi'.

(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. 1

(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 even in both Statements I and II together are not sufficient to answer the question.

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

Q22.

Is A brother of B ? .

I. D is mother of B and B is son of C. C is father of A.

II. E is sister of A and F is brother of A.

(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. 4

(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 even in both Statements I and II together are not sufficient to answer the question.

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

Q23.

How many kilometers did Karan drive today ? It Karan correctly mentions that he drove less than 20 km but more than 14 km today.

II. Karan's friend correctly mentions that Karan drove more than 10 km but less than 16 km today.

(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. 5

(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 even in both Statements I and II together are not sufficient to answer the question.

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

Q24.

Who is oldest among Peter Kevin Joseph and Jason ? I. Jason is older than Peter and Joseph.

II. Kevin is younger than Joseph.

(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 n 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 even in both statements I and II together are not sufficient to answer the question.

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

Q25.

How is 'happy' written in a code language ?

I. 'I happy today' is written as 'ke ne que' and 'today happy day' is written as 'ke joi ne'.

II. 'I play' is written as 'que pa'.

(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 n 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 even in both statements I and II together are not sufficient to answer the question.

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

Q26.

H is the mother of J. How is J related to V ?

I. V is the only daughter of H.

II. V is the sister of J.

(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 n 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 even in both statements I and II together are not sufficient to answer the question.

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

Q27.

What is the colour of white snow in a colour code ?

I. Green is called Black Black is called Blue and Blue is called Red.

II. Red is called White and White is called Orange.

(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 n 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 even in both statements I and II together are not sufficient to answer the question.

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

Q28.

Six people P Q R S T and U are seated around a circular table and are equidistant from each other. Who is second to the right of T ?

I. P is to the immediate left of Q and Q sits opposite R.

II. S is to the immediate left of U.

(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 n 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 even in both statements I and II together are not sufficient to answer the question.

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

Q29.

How many employees are enrolled with the company ?

I. The Employee Engagement survey was administered to all employees in the company.

II. A total of 346 Employee Engagement Surveys were returned to the HR department.

(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 even in both statements I and II together are not sufficient to answer the question.

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

Q30.

What was the grand total of Team A?

I. Joseph correctly remembers that Team A scored a grand total of above 85 but below 94 points.

II. Sureka correctly remembers that Team A scored a grand' total of above 80 and below 87 points

(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 even in both statements I and II together are not sufficient to answer the question.

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

Q31.

How will 'COMEDY' be coded in a certain code language ?

I. In the code language each vowel in the word is changed to the next letter in the English alphabetical series.

II. In the code language each consonant in the word is changed to the previous letter in the English alphabetical series.

(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 even in both statements I and II together are not sufficient to answer the question.

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

Q32.

P Q R S and T are seated around a circular table facing the centre such that there is equal space between each of the adjacent members. Who sits to the immediate right of T ? 1. Q sits second to the right of v . T and S sits second to the left v of T.

II. R is not an immediate neighbour of either P or Q.

(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 even in both statements I and II together are not sufficient to answer the question.

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

Q33.

Which direction is Khartik facing at the moment ?

I. After walking 4 metres early morning from point A Khartik is lacing the opposite direction of the sun.

II. Khartik took two consecutive left turns after covering a distance of 3 metres to reach point A.

(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 even in both statements I and II together are not sufficient to answer the question.

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

Q34.

Who amongst L M. N O and P is the shortest. 1 O is shorter than P but taller than N.

II. M is not as tall as L.

(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 die 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 If alone are sufficient to answer the question.

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

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

Q35.

Are all the five friends viz. Leena Amit Arun Ali and Ken who are seated around a circular table facing the centre ? .

I. Leena sits second to left of Amit. Amit faces the centre. Arun sits second to right of Leena.

II. Ali sits third to the left of Ken. Ken faces the centre. Amit sits to the immediate left of All but Ken is not an immediate neighbour of Amit.

(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 die 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 If alone are sufficient to answer the question.

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

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

Q36.

Is T grandmother of Q ?

I. P is the mother of Q. Q Is the son of R R is the son of TV II L is father of N and N Is daughter of T.

(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 die 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 If alone are sufficient to answer the question.

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

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

Q37.



Point A is towards which direction from point B ?

I. If a person walks 4m towards the north from point A and takes two consecutive right turns each after walking 4 m he would reach point C which is 8m away from point B

II. Point D is 2m towards the east of point A and 4m towards the west of point B.

(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 die 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 If alone are sufficient to answer the question.

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

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

Q38.

How many brothers does Bharat have ?

I. Shiela the mother of Bharat has only three children.

II. Meena the grandmother of Bharat has only one granddaughter.

(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 die 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 If alone are sufficient to answer the question.

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

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

Q39.

How is 'never' written in a code language?

I. 'never ever go there' is written as 'na ja ni ho' in that code language.

II. 'go there and come back' is written as 'ma ho sa ni da' in that code language.

(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 instatement II alone are sufficient to answer the question while the data in statement I alone are hot 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 both the statements I and II together are not sufficient to answer the question and1

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

Q40.

Among M P K J T and W who is lighter than only the heaviest?.

I. P is heavier than M and T.

II. W is heavier than P but light or than who is not the heaviest.

(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 instatement II alone are sufficient to answer the question while the data in statement I alone are hot 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 both the statements I and II together are not sufficient to answer the question and2

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

Q41.

What does 'S' mean in a code language?

I. '5 \$ # 3' means 'flowers are really good' .

II. '7 # 3 5' means 'good flowers are available'.

(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 instatement II alone are sufficient to answer the question while the data in statement I alone are hot 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 both the statements I and II together are not sufficient to answer the question and3

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

Q42.

How Is P related to J ?

I. M is brother of P and T is sister of P.



II. P's mother is married to J's husband who has one son and two daughters

(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 given in both the statements I and II together are not sufficient to answer the question and 4

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

Q43.

How many students are there Y between Suresh and Mohan in a row of fifty students ?

I. Suresh is twelfth from the left end and Mohan is seventeenth from the right end

II. Suresh is six places away from Jayesh who is twentieth from the left end.

(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 given in both the statements I and II together are not sufficient to answer the question and 5

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

Q44.

Point A is towards which direction from point B ?

I. If a person walks 5 m towards West from point A takes a left turn and walk 5 m again he would be 4 m away from point B.

II. Point A is towards the North of point C point C is towards the East of point D and point B is towards the East of point D.

(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 n alone are sufficient to answer the question while the data in statement one 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 even in both statements I and II together are not sufficient to answer the question.

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

Q45.

Is S the mother of M ?

I. M is sister of Q Q is sister of R and R is daughter of S.

II. M is daughter of L and L is sister of V.

(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 n alone are sufficient to answer the question while the data in statement one 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 even in both statements I and II together are not sufficient to answer the question.

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

Q46.

Are all the five friends viz. A B C D and E who are seated around a circular table facing the centre?'

I. A sits third to the right of D. D faces the centre. B sits second to the right of A.

II. C's It second to the left of E. E faces the centre. D sits Second to the right of C.

(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 n alone are sufficient to answer the question while the data in statement one 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 even in both statements I and II together are not sufficient to answer the question.

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

Q47.

How is 'came' written in the code language?

I. 'we came by car' is written as '4 9 2 8' and 'can we buy car' is written as '5 8 0 2'.

II. 'can car be cheap' is written as '8 1 5 3' and 'came by cheap car' is written as '9 8 4 1'.



(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 n alone are sufficient to answer the question while the data in statement one 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 even in both statements I and II together are not sufficient to answer the question.

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

Q48.

Who amongst Shreya Jyoti Leena Pia and Kajal is the shortest?

I. Leena is taller than Pia and Pia is taller only than Shreya.

II. Kajal is taller than Jyoti and Leena. Leena is taller than Pia . Shreya is not the tallest.

(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 n alone are sufficient to answer the question while the data in statement one 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 even in both statements I and II together are not sufficient to answer the question.

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

Q49.

In a six storey building (consisting of floors numbered 1 2 3 4 5 and 6. The ground floor is numbered the floor above it is numbered 2 and so on) the third floor is unoccupied. The building houses different people viz. P Q R S and T. each living on a different floor. On which of the floors does T live?

I. S lives between the floors on which R and T live.

II. There are two floors between T's floor and Q's floor.

(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 Statement I alone or in Statement II alone are sufficient to answer the question.

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

(e) if the data in both the Statements 1 and II together are necessary to answer the question.

Q50.

How is 'See' written in the code language?

I. 'hope to see you' is written as '3692' 'do you see that' is written as '1973'.

II. 'to pray and hope' is written as '0286' and 'hope I do well' is written as '5467'.

(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 Statement I alone or in Statement II alone are sufficient to answer the question.

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

(e) if the data in both the Statements 1 and II together are necessary to answer the question.

Q51.

Among five friends A B C D and E sitting around a circular table and facing the centre who is sitting to the immediate left of A ?

I. A sits third to the right of B. D is not an immediate neighbour of B

II. B is an immediate neighbour of C.

(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 Statement I alone or in Statement II alone are sufficient to answer the question.

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

(e) if the data in both the Statements 1 and II together are necessary to answer the question.

Q52.

Is X the wife of Y ?

I. X's daughter M is the only sister of R. R is the son of Y.

II. The mother of Y has only one grandson R.



- (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 Statement I alone or in Statement II alone are sufficient to answer the question.
- (d) if the data in both the Statements I and II are not sufficient to answer the question.
- (e) if the data in both the Statements 1 and II together are necessary to answer the question.

Q53.

Among P Q R S and T which bag is the lightest?

I. P is heavier than Q. R is as heavy as Q. T is lighter than R.

II. S is lighter than Q but heavier than T.

- (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 Statement I alone or in Statement II alone are sufficient to answer the question.
- (d) if the data in both the Statements I and II are not sufficient to answer the question.
- (e) if the data in both the Statements 1 and II together are necessary to answer the question.

Q54.

How is 'letter' written in the code language?

I. 'please write a letter' is written as '7218' 'received a Greek letter is written as '7513'.

II. 'write in English please' is written as '2084' and 'a letter in Greek' is written as '5714'.

- (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 statement I alone or in statement II alone are sufficient to answer the question.
- (d) if the data in both the statements I and II are not sufficient to answer the question.
- (e) if the data in both the statements I and II together are necessary to answer the question.

Q55.

Among A B C D and E seated in a straight line facing North who sits exactly in the middle of the line ?

I. A sits third to left of D. B sits to the immediate right of C. IIB sits second to right of A. E ' is not an immediate neighbour of D.

- (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 statement I alone or in statement II alone are sufficient to answer the question.
- (d) if the data in both the statements I and II are not sufficient to answer the question.
- (e) if the data in both the statements I and II together are necessary to answer the question.

Q56.

A six storey building (consisting of an unoccupied ground floor and five floors on top of the ground floor numbered 1 2 3 4 and 5) houses different people viz. A B C D and E. Who lives . on the third floor ?

I. C lives on an even numbered floor. A lives immediately above D. B lives immediately above A. E does not live on the topmost floor.

II. D lives on an odd numbered floor. A and B are immediate neighbours of each other. i Similarly C and E are immediate neighbours of each i other. C does not live on an odd numbered floor.

- (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 statement I alone or in statement II alone are sufficient to answer the question.
- (d) if the data in both the statements I and II are not sufficient to answer the question.
- (e) if the data in both the statements I and II together are necessary to answer the question.

Q57.

Are all the four friends Abhay Kavita Prashant and Yasir who are sitting around a circular table facing the centre ?

I. Kavita sits second to left of ' Abhay. Abhay faces the centre. Yasir sits to the immediate right of Abhay as Well as Kavita.



II. Prashant sits third to the right of Kavita. Abhay sits to immediate right of Prashant as well as Yasir.

(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 statement I alone or in statement II alone are sufficient to answer the question.

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

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

Q58.

Is R the granddaughter of C ?

I. The only sister of A is the mother of R's brother B

II. C the mother of A has only one grandson B.

(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 statement I alone or in statement II alone are sufficient to answer the question.

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

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

Q59.

Who amongst A B C D and E is the tallest?

I. A is taller than B but shorter than C. D is not the tallest.

II. Two people are taller than C.

(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 n 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 even in both statements I and II together are not sufficient to answer the question.

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

Q60.

Which direction is All facing ?

I. If Ken who is currently facing East turns 90d towards his right he would face a direction exactly opposite to the direction which Ali is facing.

II. It Priya who Is currently facing South turns left walks 1 m and then takes a left turn again she would face the same direction as Ali.

(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 n 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 even in both statements I and II together are not sufficient to answer the question.

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

Q61.

Did 300 candidates appear for the written examination for admission into college X ?

I. The principal of the college correctly mentions that the number of candidates who had appeared for the examination was more than 200.

II. According to a statistical report only 175 candidates could qualify the examination

(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 n 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 even in both statements I and II together are not sufficient to answer the question.

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

Q62.

How far is point P from point Q?(All the points lie on a straight line)

I. PointT is exactly midway between points P and Q. Point T is 5 km towards west of point R.

II. Point Q is 2 kms towards the east of Point R.

(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 n 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 even in both statements I and II together are not sufficient to answer the question.

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

Q63.

How many brothers does A have?

I. A who is B's brother has two siblings.

II. D is brother of A and is youngest in the family.

(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 n 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 even in both statements I and II together are not sufficient to answer the question.

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

Q64.

How many daughters does P have ?

I. B and D are sisters of M. II M's father T is husband of P

III. Out of the three children which T has only one is a boy

(a) Only I and III

(b) All I II and III are required to answer the question.

(c) Only II and III

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

(e) Only I and II.

Q65.

Who among A B C D E and F each having a different height is the tallest?

I. B is taller than A but shorter than E.

II. Only two of them are shorter than C.

III. D is taller than only F

(a) Only I and II

(b) Only I and III

(c) Only II and III

(d) All I II and III are required to answer the question

(e) All I II and III are not sufficient to answer the question

Q66.

Towards which direction is village J from village W ?

I. Village R is to the west of Village W and to the north of Village T.

II. Village Z is to the east of Village J and to the south of Village T. II. Village M is to the north east of Village J and north of Village Z.

(a) Only III

(b) Only II and III

(c) All I II and III are required to answer the question

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

(e) None of these

Q67.

On which day of the week starting from Monday did Manoj visit Chennai ?

I. Manoj took leave on Wednesday.

II. Manoj visited Chennai the day after his mother's visit to his house

III. Manoj's mother visited Manoj's house neither on Monday nor on Thursday

(a) Only II and III

(b) Only I and II

(c) Only I and III

(d) All I II and III are required to answer the question

(e) Question cannot be answered even with all I II and III

Q68.

How is 'go' written in a code language?

I. 'now or never again' is written as 'tom ka na sa' in that code language. II 'you come again now' is written as 'ja ka ta sa' in that code language

III. 'again go now or never' is written as 'na ho ka sa tom' in that code language

(a) Only I and III

(b) Only II and III

(c) Only I and II

(d) All I II and III are required to answer the question

(e) None of these

Q69.

Among M P T R and W each being of a different age who is the youngest ?

I. T is younger than only P and W.

II. M is younger than T and older than R.



(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 given in both the statements I and II together are not sufficient to answer the question and

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

Q70.

How is 'gone' written in a code language ?

I. 'you will be gone' is written as 'ka pa ni sa' In that code language.

II. 'he will be there' is written as 'ja da ka ni' in that code language

(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 given in both the statements I and II together are not sufficient to answer the question and

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

Q71.

On which day of the week (starting from Monday and ending on Sunday of the same week) did Sushant visit Chennai?

I. Sushant visited Chennai two days after his brother visited Chennai

II. Sushant did not visit Chennai either on Wednesday or on Friday.

(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 given in both the statements I and II together are not sufficient to answer the question and

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

Q72.

Towards which direction is P with respect to the starting point ?

I. P walked 20 metres took a right turn and walked 30 metres again took right turn and walked 20 metres towards West. II P walked 30 metres took a left turn and walked 20 metres again took left turn and walked 30 metres towards East

(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 given in both the statements I and II together are not sufficient to answer the question and

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

Q73.

How is K related to Z ?

I. Z and P are the only sisters of D.

II. D's mother is wife of K's father.

(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 given in both the statements I and II together are not sufficient to answer the question and

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

Q74.

Among six people P Q R S T and V each lives on a different floor of a six storey building having six floors numbered one to six (the ground floor is numbered 1 the floor above it number 2 and so on and the topmost floor is numbered 6) Who lives on the topmost floor?

(I) There is only one floor between the floors on which R and Q live. P lives on an even numbered floor.



(II)T does not live on an even numbered floor. Q lives on an even numbered floor. Q does not live on the topmost floor. (III)S lives on an odd numbered floor. There are two floors between the floors on which S and P live. T lives on a floor immediately above R's floor.

- (a) if the data in Statements I and II are sufficient to answer the question while the data in Statement III are not required to answer the question
- (b) if the data in Statements I and III are sufficient to answer the question while the data in Statement II are not required to answer the question
- (c) if the data in Statements II and III are sufficient to answer the question while the data in Statement I are not required to answer the question
- (d) if the data in either Statement I alone or Statement II alone or Statement III alone are sufficient to answer the question.
- (e)if the data in all the Statements I II and III together are necessary to answer the question

Q75.

There are six letters W A R S N and E. Is 'ANSWER' the word formed after performing the following operations using these six. letters only ?(I)E is placed fourth to the right of A. S is not placed immediately next to either A or E. (II)R is placed immediately next (either left or right) to E. W is placed immediately next (either left or right) to S. (III)Both N and W are placed immediately next to S The word does not begin with R. A is not placed immediately next to W.

- (a) if the data in Statements I and II are sufficient to answer the question while the data in Statement III are not required to answer the question
- (b) if the data in Statements I and III are sufficient to answer the question while the data in Statement II are not required to answer the question
- (c) if the data in Statements II and III are sufficient to answer the question while the data in Statement I are not required to answer the question
- (d) if the data in either Statement I alone or Statement II alone or Statement III alone are sufficient to answer the question.
- (e)if the data in all the Statements I II and III together are necessary to answer the question

Q76.

Point D is in which direction with respect to Point B ?

(I)Point A is to the west of Point B. Point C is to the north of Point B. Point D is to the south of Point C.

(II)Point G is to the south of Point D. Point G is 4m from Point B. Point D is 9m from Point B.

(III)Point A is to the west of Point B. Point B is exactly midway between Points A and E. Point F is to the south of Point E. Point D is to the west of Point F.

- (a) if the data in Statements I and II are sufficient to answer the question while the data in Statement III are not required to answer the question
- (b) if the data in Statements I and III are sufficient to answer the question while the data in Statement II are not required to answer the question
- (c) if the data in Statements II and III are sufficient to answer the question while the data in Statement I are not required to answer the question
- (d) if the data in either Statement I alone or Statement II alone or Statement III alone are sufficient to answer the question.
- (e)if the data in all the Statements I II and III together are necessary to answer the question

Q77.

How is 'one' coded in the code language?

(I)'one of its kind' is coded as 'zo pi ko fe' and 'in kind and cash' Is coded as 'ga tu ru ko'

(II)'its point for origin' is coded as 'ba le fe mf and 'make a point clear' is coded as 'yu si mi de'

(III)'make money and cash' is coded as 'to mi ru hy' and 'money of various kind' is coded as 'qu ko zo hy'

- (a) if the data in Statements I and II are sufficient to answer the question while the data in Statement III are not required to answer the question
- (b) if the data in Statements I and III are sufficient to answer the question while the data in Statement II are not required to answer the question
- (c) if the data in Statements II and III are sufficient to answer the question while the data in Statement I are not required to answer the question
- (d) if the data in either Statement I alone or Statement II alone or Statement III alone are sufficient to answer the question.
- (e)if the data in all the Statements I II and III together are necessary to answer the question

Q78.

Are all the four friends viz. A B C and D who are sitting around a circular table facing this centre ?(I)B sits second to right of D. D faces the centre. C sits to immediate right of both B and D. (II)A sits to immediate left of B. C is not an immediate neighbour of A. C sits to immediate right of D. (III)D is an immediate neighbour of both A and C. B sits to the immediate left of A. C sits to the immediate right of B.



(a) if the data in Statements I and II are sufficient to answer the question while the data in Statement III are not required to answer the question

(b) if the data in Statements I and III are sufficient to answer the question while the data in Statement II are not required to answer the question

(c) if the data in Statements II and III are sufficient to answer the question while the data in Statement I are not required to answer the question

(d) if the data in either Statement I alone or Statement II alone or Statement III alone are sufficient to answer the question.

(e) if the data in all the Statements I II and III together are necessary to answer the question

Q79.

Directions: 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 or not the question 117. Who is the daughter in law of B?

I. I is the brother of D . S is the wife of J's nephew.

II. R is the brother of N. T is the son of N. S is the mother of t.

III. B is the wife of D. D is the father of N. D has two children.

(a) Only I and III

(b) All I II and III are required to answer the question

(c) Only II and III

(d) Questions cannot be answered even with all I II and III

(e) Only I and II

Q80.

How many students are there in the class ?

I. There are more than 22 but less than 36 students in the class.

II. If students of the class are divided into groups each group has exude students.

III. There are more than 29 but less than 45 students in the class.

(a) Only I and II

(b) Only II and either I or III are required to answer the question

(c) Only II and III

(d) All I II and III are required to answer the question

(e) All I. II and III are not sufficient to answer the question.

Q81.

**Who is the shortest among P Q R S and T ?
Statements**

I. Q is taller than T but shorter than S and R.

II. P is not the shortest.

(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 even in both statements I and II together are not sufficient to answer the question.

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

Q82.

**On which day of week Mohan did reach Delhi?
Statements**

I. Mohan left Mumbai by train on Tuesday.

II. Mohan stayed for one day in Jaipur and completed his journey to Delhi in two days.

(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 even in both statements I and II together are not sufficient to answer the question.

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

Q83.

How many sons does P have? Statements

I. T and S are brothers of R.

II. The mother of S is the wife of R's father.

(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 even in both statements I and II together are not sufficient to answer the question.

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

**Q84.**

What does 'ja' represent in a code language?
Statements

I. In that code language "pik ja sok pot" means "you can stay here".

II. In that code language "jo sok ton te" means "you may come here".

(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 even in both statements I and II together are not sufficient to answer the question.

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

Q85.

City M is situated in which direction with respect to City D? Statements

I. City K is to the south of City P.

II. City M is to the north of City R which is to the West of City D.

(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 even in both statements I and II together are not sufficient to answer the question.

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

Q86.

Which direction Shashidhar is facing? Statements

I. In the early morning Shashidhar Was standing in front of a puppet and the shadow of puppet was falling to the right of Shashidhar.

II. In the early morning Shashidhar was standing on the ground. His shadow was falling behind him when he turned to his left.

(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 even in both statements I and II together are not sufficient to answer the question.

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

Q87.

Who among A B C D and E does teach History? Statements

I. 1 Each one of them teaches only one subject. B teaches Mathematics while E teaches Science. A or C does not teach Geography. A or D does not teach English.

II. C and E are teachers of English and Science respectively and A is the teacher of Mathematics.

(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 even in both statements I and II together are not sufficient to answer the question.

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

Q88.

In a row of bays facing South who is immediate left to Ramakant? Statements

I. Suresh is immediate right to Chandrakant who is fourth to the right of Ramakant.

II. Suresh is third to the right of Ramakant and Naresh is second to the right of Suresh.

(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 even in both statements I and II together are not sufficient to answer the question.



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

Q89.

Who has secured the maximum marks among six friends A B C D E and F ? Statements

I. B secured less marks than that of A and F but not less than C D and E.

II. F secured more marks than B but not as much as that of A '

(a) if the data in statement f 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 1 alone or in statement II alone arc sufficient to answer the question.

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

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

Q90.

What will be the position of hour hand of a clock at 7:30 PM? Statements

I. There are English alphabets on the dial of the clock instead of digits.

II. The hour hand is at P at 7 O' clock.

(a) if the data in statement f 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 1 alone or in statement II alone arc sufficient to answer the question.

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

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

Q91.

What does 'pit' means in a certain code language?

I. 'ja ria pit sod' means 'beautiful bunch of flowers' in that code language.

II. 'na sod pa tok' means 'huge bunch of twigs' in that code language.

(a) if the data in statement I alone are sufficient to answer the question while the data in Statement 11 alone are hot 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 hot 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 even in both statements I and II together are not sufficient to answer the question and

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

Q92.

Towards which direction is P from R ?

I. S is towards west of M and northeast of R.

II. P is towards south of S.

(a) if the data in statement I alone are sufficient to answer the question while the data in Statement 11 alone are hot 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 hot 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 even in both statements I and II together are not sufficient to answer the question and

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

Q93.

How is M related to R?

I. P and Rare children of K who is wife of M.

II. N's sister M is married to R's father.

(a) if the data in statement I alone are sufficient to answer the question while the data in Statement 11 alone are hot 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 hot 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 even in both statements I and II together are not sufficient to answer the question and

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

Q94.

Among Q R S T and V who is third from the top when they are arranged in ascending order of their height ?

I. T is taller than Q and V but shorter than R.



II. R and S are taller than T and Q is shorter than T but taller than V.

- (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 even in both statements I and II together are not sufficient to answer the question and
- (e) if the data in both statements I and II together are necessary to answer the question.

Q95.

When was the election of the President of the society held?

I. Suresh submitted his nomination for the election on 13th and left on 17th for Delhi the day after he won the election.

II. The nominations were scrutinized on 14th and the ballot papers were prepared on the following day.

- (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 even in both statements I and II together are not sufficient to answer the question and
- (e) if the data in both statements I and II together are necessary to answer the question.

Q96.

Towards Which direction is A from R ?

I. Q is exactly to the east of M

II. M is exactly to the south of R

- (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 given in both the statements I and II together are not sufficient to answer the question and

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

Q97.

Who among P Q R S and T is the heaviest ?

I. Q is heavier than R and T but lighter than only S

II. R is third from the top when they are arranged in descending order of their weight and is heavier than T and P.

- (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 given in both the statements I and II together are not sufficient to answer the question and
- (e) if the data in both the statements I and II together are necessary to answer the question.

Q98.

On which day of the week did Sohan visit Chennai ?

I. Sohan returned to Hyderabad from Chennai on Thursday

II. Sohan left Hyderabad on Monday for Chennai

- (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 given in both the statements I and II together are not sufficient to answer the question and
- (e) if the data in both the statements I and II together are necessary to answer the question.

Q99.

How many daughters does M have ?

I. P and Q are the only daughter of N.

II. D is brother of P and sister of M.

- (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 given in both the statements I and II together are not sufficient to answer the question and

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

Q100.

How is 'now' written in a code language ?

I. 'now and then' is written as 'ka da ta' in that code language

II. 'then you come' is written as 'da ma pa' in that code language

(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 given in both the statements I and II together are not sufficient to answer the question and

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

Q101.

How is M related to N ?

I. P who has only two kids M & N is the mother in law of Q who is sister in law of N.

II. R the sister in law of M is the daughter in law of S. who has only two kids M & N.

(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 Statement H 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 both the Statements I and II together are not sufficient to answer the question.

(e) If the data in both the Statements I and II together are necessary to answer the question. CAUTION Do Not mark your answer unless you consider both the statements carefully.

Q102.

How many students from the class secured First Class ?

I. The number of students securing First Class was equal to the number of students failed and was one third of the number of students passed in the class of 120 students.

II. $\frac{1}{4}$ th of the girls i. e. 10 and $\frac{1}{4}$ th of the boys secured 1st class in the class of 120 students.

(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 Statement H 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 both the Statements I and II together are not sufficient to answer the question.

(e) If the data in both the Statements I and II together are necessary to answer the question. CAUTION Do Not mark your answer unless you consider both the statements carefully.

Q103.

What is the code for 'mangoes' in a code language ?

I. In that code language Te Le Pa Na means 'You eat many mangoes' and 'Le Na Da' means 'You sell mangoes'.

II. In the code language 'Ge Na Se La Le' means 'They eat bananas and mangoes' and 'Ne De Le La' means 'Who others eat bananas'.

(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 Statement H 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 both the Statements I and II together are not sufficient to answer the question.

(e) If the data in both the Statements I and II together are necessary to answer the question. CAUTION Do Not mark your answer unless you consider both the statements carefully.

Q104.

Which village is to the North East of village 'A'?

I. Village 'B' is to the North of village A villages C and D are to the East and West of village B respectively.



II. Village 'P' is to the South of village 'A' and village 'E' is to the East of village 'P' village 'K' is to the North of village 'P'.

(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 even in both statements I and II together are not sufficient to answer the question I

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

Q105.

Can Rohan retire from office 'X' in January 2006 with full pension benefits ?

I. Rohan will complete 30 years of service in office X in April 2006 and desires to retire.

II. As per office X rules an employee has to complete minimum 30 years of service and attain age of **60**. Rohan has 3 years to complete age of **60**.

(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 even in both statements I and II together are not sufficient to answer the question I

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

Q106.

Among five friends P Q R S and T who ranks third in terms of salary obtained by them ?

I. Ts salary is more than P and Q but not more than S.

II. R's salary is lowest among them.

(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 even in both statements I and II together are not sufficient to answer the question I

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

Q107.

How is P related to Q?

I. J has two daughters one of them 'R' is married to 'F'.

II. Q is the mother of 'S' the younger sister of 'R'.

(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 even in both statements I and II together are not sufficient to answer the question I

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

Q108.

Which word in the code language means 'flower'?

I. 'de fu la pane' means 'rose flower is beautiful' and 'la quiz' means 'beautiful tree'.

II. ' de la chin' means 'red rose flower' and 'pa chin' means 'red tea'.

(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 even in both statements I and II together are not sufficient to answer the question I

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

Q109.

In which direction is Ravi facing ?

I. Ashok is to the right of Ravi.

II. Samir is sitting opposite of Ashok facing north.

(a) if the data in statement 1 alone are sufficient to answer the question while the data in statement n 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 the statement I alone or in statement II alone are sufficient to answer the question.

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

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

Q110.

How M is related to K ?

I. The sister of K is the mother of N who is daughter of M.

II. P is the sister of M.

(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 the statement I alone or in statement II alone are sufficient to answer the question.

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

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

Q111.

Is D brother of T ?

I. T is the sister of M and K.

II. K is the brother of D.

(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 the statement I alone or in statement II alone are sufficient to answer the question.

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

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

Q112.

How many sons does P have ?

I. S and T are brothers of M.

II. The mother of T is P who has only one daughter.

(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 the statement I alone or in statement II alone are sufficient to answer the question.

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

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

Q113.

Who is the tallest among P Q R S and T ?

I. R is taller than Q and T.

II. T is taller than S and P and S is taller than Q and R.

(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 the statement I alone or in statement II alone are sufficient to answer the question.

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

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

Q114.

How is M related to F ? Statements

I. F is sister of N who is mother of R

II. M has two brothers of which one is R.

(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 both the statements I and II together are not sufficient to answer the question.

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

Q115.

On which date in March was Pravin's father's birthday ? Statements

I. Pravin Correctly remembers that his father's birthday is after 14th but before 19th March.



II. Pravin's sister correctly remembers that their father's birthday is after 17th but before 21st March.

(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 (he 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 both the statements 1 and II together are not sufficient to answer the question.

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

Q116.

Among M N R and D each having different age who is the youngest? Statements

I. N is younger than only D among them.

II. If T Is older than R and younger than M.

(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 (he 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 both the statements 1 and II together are not sufficient to answer the question.

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

Q117.

In which direction of village H ? Statements 1. Village H is to the South of village A which is to the South East of village D.

II. Village M is to the East of village D and to the North East of village H.

(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 (he 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 both the statements 1 and II together are not sufficient to answer the question.

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

Q118.

How Is 'food' written in a code language? Statements

I. ' Always eat good food' is written as 'ha na pa ta' in that code language.

II. 'Enjoy eating good food' is written as 'nl ha ja pa' in that code language. '

(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 (he 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 both the statements 1 and II together are not sufficient to answer the question.

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

Q119.

Which bag amongst P Q R Sand T is the heaviest ?

I. Bag Q is heavier than R and S. Bag T is heavier only than bag P. If Only three bags are lighter than R. The weight of bag Q is 50 kg which is 2 kg more than bag R.

(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 even in both statements I and II together are not sufficient to answer the question.

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

Q120.

Are all the five friends viz. A B C D and E who are seated around a circular table facing the centre ?

I. A sits third to the left of B. B faces the centre. D and E are immediate neighbours of each other. C sits second to right of E.

II. D sits second to right of C. C faces the centre. Both E and A are immediate neighbours of D. B sits second to right of A.



(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 even in both statements I and II together are not sufficient to answer the question.

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

Q121.

In a college five different subjects viz. Physics Chemistry Botany Zoology and Mathematics are taught on five different days of the same week starting from Monday and ending on Friday. Is Chemistry taught on Wednesday ?_

I. Two subjects are taught between Zoology and Mathematics. Mathematics is taught before Zoology. Chemistry is taught on the day immediately next to the day when Physics is taught. Botany is not taught on Friday.

II. Three lectures are scheduled between the lectures of Botany and Zoology. Mathematics is taught immediately before Physics.

(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 even in both statements I and II together are not sufficient to answer the question.

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

Q122.

Is the time in the clock 9 O'clock now ?

I. After half an hour the minute and the hour hands of the clock will make an angle of exactly 90° with each other.

II. Exactly 15 minutes back the hour and the minute's hand of the clock coincided with each other.

(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 even in both statements I and II together are not sufficient to answer the question.

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

Q123.

Is F the granddaughter of B ?

I. B is the father of M. M is the sister of T. T is the mother of F.

II. S is the son of F. V is the daughter of F. R is the brother of T.

(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 even in both statements I and II together are not sufficient to answer the question.

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

Q124.

Seventeen people are standing in a straight line facing south What is Bhavna's position from the left end of the line ?

I. Sandeep is standing second to the left of Sheetal. Only five people stand between Sheetal and the one who is standing at the extreme right end of the line. Four people stand between Sandeep and Bhavna.

II. Anita is standing fourth to the left of Sheetal. Less than three people are standing between Bhavna and Anita.

(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 statement II alone are sufficient to answer the question.

(d) if the data neither in statement I nor II together are sufficient to answer the questions.



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

Q125.

Five letters A E G N and R are arranged left to right according to certain conditions. Which letter is placed third? 1 G is placed second to the right of A. E is to the immediate right of G. There are only two letters between R and G.

II. N is exactly between A and G. Neither A nor G is at the extreme end of the arrangement

(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 statement II alone are sufficient to answer the question.

(d) if the data neither in statement I nor II together are sufficient to answer the questions.

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

Q126.

Six people S T U V W and X are sitting around a circular table facing the centre. What is T's position with respect to X ?

I. Only two people sit between U and W. X is second to the left of W. V and T are immediate neighbours of each other.

II. T is to the immediate right of V. There are only two people between T and S. X is an immediate neighbour of S but not of V.

(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 statement II alone are sufficient to answer the question.

(d) if the data neither in statement I nor II together are sufficient to answer the questions.

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

Q127.

Who amongst P Q R S T and V each securing different marks secured the second lowest marks ?

I. R and T secured more marks than P and Q

II. V secured the highest marks

III. S secured more marks than P but less than Q.

(a) Only I and III

(b) All I II and III are required to answer the question

(c) Only II and III

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

(e) Only I and II

Q128.

Which village is to the North East of village R ?

I. Village S is to the South East of village N which is to the South West of village P and village P is to the North of village Q.

II. Village T is to the North West of village Q which is to the south of village P.

III. Village R which is to the North of village S lies between villages N and Q and village N is to the West of village R.

(a) Only I and II

(b) Only II and III

(c) All I II and III are not Sufficient to answer the question

(d) All I II and III are required to answer the question

(e) Only I and III or only II and III are required to answer the question

Q129.

What is the rank of Animesh in a class of 17 students ?

I. Nimal who is thirteenth from the bottom is six rank ahead of Bhumika who is two position below Animesh.

II. Bhumika is four position ahead of Kamal.

III. Bhumika is two position below Animesh and Kamal's rank is 15th.

(a) Only I and III

(b) Only I and II

(c) Only I or II and III together are required to answer the question

(d) Only II is required to answer the question

(e) All I II and III are not sufficient to answer the question

Q130.

How is 'them' written in a code language ?

I. 'tell them young is written as 'se me ye' and 'wise young sharp tell' is written as 'me yo na ye' in that code language.

II. 'clever sharp come tomorrow' is written as 'na ki pa lo' and 'bring clever young them' is written as 'ki po se ye' in that code language.



III. 'clever sharp come them no' is written as 'pa na se ki te' and 'yellow come sharp run clever no' is written as 'ki ni pa be te na' in that code language.

- (a) Only III is required to answer the question
- (b) Only I and II are required to answer the question
- (c) Only I or II and III together are required to answer the question
- (d) Only II is required to answer the question
- (e) All I II and III are not sufficient to answer the question

Q131.

Among P Q R S and T sitting in a straight line facing North who sits exactly in the middle of the line ?

I. P sits third to left of S. T is an immediate neighbour of P as well as R.

II. T sits second to left of S. Q is not an immediate neighbour of either T or S.

- (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 neither Statement I nor II are sufficient to answer the question.
- (e) if the data in both the Statements I and II together are necessary to answer the question.

Q132.

Among five friends A B C D and E sitting around a circular table facing the centre who sits to the immediate right of A ?

II. E sits third to right of D. A is (not an immediate neighbor of D.

II. C sits second to left of B. A Is not an immediate neighbor of c.

- (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 neither Statement I nor II are sufficient to answer the question.

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

Q133.

Who amongst P Q R S and T is the tallest ?

I. P is taller than S and T but shorter than R. Q is taller than S.

II. T is taller than S. P is not the tallest.

- (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 neither Statement I nor II are sufficient to answer the question.
- (e) if the data in both the Statements I and II together are necessary to answer the question.

Q134.

Is 'EAST' the word formed after performing the following operations on a word containing these four letters?

I. There is only one letter between A and T. E is to the left of A.

II. The word does not begin with T. There is only one letter between E and S. T is not an immediate neighbour of E.

- (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 neither Statement I nor II are sufficient to answer the question.
- (e) if the data in both the Statements I and II together are necessary to answer the question.

Q135.

Is C the grandmother of M ?

I. C is the mother of D. D is the brother of M's father.

II. E is the mother of S. S is the sister of M. P. the aunt of S is the only daughter of C.

- (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 neither Statement I nor II are sufficient to answer the question.

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

ANSWERS :

	1 d	2 d	3 e	4 e	5 a	6 c	7 a	8 d	9 e	10 e	11 a	12 c	13 a	14
d	15 e	16 d	17 c	18 d	19 a	20 e	21 c	22 d	23 e	24 e	25 d	26 a	27 b	28
e	29 e	30 e	31 e	32 e	33 a	34 d	35 c	36 d	37 b	38 e	39 d	40 e	41 e	42
e	43 a	44 d	45 d	46 c	47 d	48 a	49 e	50 d	51 a	52 d	53 e	54 d	55 e	56
a	57 c	58 e	59 a	60 c	61 d	62 e	63 d	64 b	65 d	66 e	67 d	68 a	69 e	70
d	71 d	72 c	73 e	74 e	75 b	76 b	77 e	78 d	79 a	80 c	81 e	82 e	83 d	84
d	85 b	86 c	87 a	88 d	89 e	90 e	91 d	92 d	93 c	94 b	95 e	96 e	97 e	98
d	99 e	100 d	101 a	102 c	103 e	104 a	105 e	106 d	107 e	108 d	109 d	110 e	111 d	112
e	113 b	114 d	115 e	116 e	117 c	118 d	119 c	120 b	121 d	122 b	123 d	124 a	125 c	126
e	127 b	128 e	129 c	130 a	131 e	132 a	133 d	134 e	135 a					