

# DATA SUFFICIENCY (REASONING ABILITY)

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**BEST CONTENT FOR ALL BANKING EXAMS**

**DATA SUFFICIENCY**

Each of the following questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer.

- (A) if the data in **statement I alone are sufficient** to answer the question, while the data in statement II alone are not sufficient in 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 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 are together necessary** to answer the question.

**Question 1: What is Bhana's rank in a class of 44 students?**

**Statement I:** Kamal whose rank is 17th in the class, is ahead of Preti by 6 ranks, Preti being 7 ranks ahead of Bhana.

**Statement II:** Suman is 26 ranks ahead of Bhana and Priya is 6 ranks behind Bhana while Savita stands exactly in the middle of Suman and Priya in ranks, her rank being 17.

**Question 2: Who is paternal uncle of P?**

**Statement I:** P is brother of L, who is daughter of Q, who is sister of N, who is brother of S.

**Statement II:** M is brother of K, who is husband of L, who is mother of G, who is sister of P.

**Question 3: Who amongst P, Q, R, S, T and U is the tallest?**

**Statement I:** P is taller than R and T but not as tall as U, who is taller than Q and S.

**Statement II:** R is third in height in ascending order and not as tall as U, P and Q, Q being taller than P but not the tallest.

**Question 4: Do X, Y, and Z stand in a straight line?**

**Statement I:** F is 2 km towards the south of E. K is 5 km towards the west of F. X is 2 km towards the north of F. Y is 3 km towards the east of E and Z is 4 km towards the east of Y.

**Statement II:** X is 2 km towards the north of L. K is 4 km towards the west of L. S is 1 km towards the south of K. M is 2 km towards the west of S. Y is 3 km towards the north of M and Z is 2 km towards the north of W.

**Question 5: Which direction is Preeti facing?**

**Statement I:** If Gagan, who is currently facing east, turns 90 degree towards his right, he would face a direction exactly opposite to the direction Preeti is facing.

**Statement II:** If Priya, who is currently facing south, turns left, walks 1 km and then takes a left turn again, she would face the same direction as Preeti.

**Question 6: There are 6 people P, Q, R, S, T and U each lives on a different floor of a 6 storey building having 6 floors numbered 1 to 6 (the ground floor is numbered 1, the floor above it, number 2 and so on and the topmost floor is numbered 6). Who among the person lives on the 4th floor?**

I.T does not live on an even numbered floor. Q lives on an even numbered floor. Q does not live on the topmost floor. S lives on an odd numbered floor. There are two floors between the floors on which S and P live.

II.R is live topmost floor. Q is odd number floor. There are two floors between R and Q.

III. T lives on a floor immediately above R's floor. There is only one floor between the floors on which R and Q live, P lives on an even numbered floor.

**A)** If the data in **Statement I and II** are sufficient to answer the question while the data in

Statement III is not required to answer the question

**B)** If the data in **Statement I and III** are sufficient to answer the question, while the data in

Statement II is not required to answer the question

**C)** If the data in **Statement II and III** are sufficient to answer the question, while the data in

Statement I is not required to answer the question

**D)** If the data in **either Statement I alone or Statement II alone or Statement III alone is sufficient to**

answer the question

**E)** If the data in all **the Statement I, II and III together** are necessary to answer the question

**Question 7: There are 6 people A,B,C,D,E and F each lives on a different floor of a 6 storey building having 6 floors numbered 1 to 6 (the ground floor is numbered 1, the floor above it, number 2 and so on and the topmost floor is numbered 6). All person like different colours .Who is the following lives on the 4th floor like which colour?**

- I. A stays on odd numbered floor but not stays on lowest floor. Two floor between A and F who like white colour.
- II. E like red colour and stays on immediately above A. There are 2 persons between D and B who like green colour.
- III. The person who like pink colour stay on immediately below A and D stays on above B.

- A)** If the data in **Statement I and II are sufficient** to answer the question while the data in Statement III is not required to answer the question
- B)** If the data in **Statement I and III are sufficient** to answer the question, while the data in Statement II is not required to answer the question
- C)** If the data in **Statement II and III are sufficient** to answer the question, while the data in Statement I is not required to answer the question
- D)** If the data in either **Statement I alone or Statement II alone or Statement III alone is sufficient to answer the question**
- E)** If the data in all the **Statement I, II and III together** are necessary to answer the question

**Question 8:** There are 7 people P, S, M, O, N, R and Q each lives on a different floor of a 8 storey building having 8 floors numbered 1 to 8 (the ground floor is numbered 1, the floor above it, number 2 and so on and the topmost floor is numbered 8) which of the following floor person does not stay?

- I. There are two floor between N and M. N stays on odd numbered floor which multiple of 3. S stays on immediately above M. T stays on immediately above S.
- II. There are three floor between S and R and N stays on immediately above R.
- III. There are two floor between O and Q and R stays on immediately below N.

- A)** If the data in **Statement I and II are sufficient** to answer the question while the data in Statement III is not required to answer the question
- B)** If the data in **Statement I and III are sufficient** to answer the question, while the data in Statement II is not required to answer the question
- C)** If the data in **Statement II and III are sufficient** to answer the question, while the data in Statement I is not required to answer the question

- D)** If the data in either **Statement I alone or Statement II alone** or Statement III alone is sufficient to answer the question
- E)** If the data in all the **Statement I, II and III together** are necessary to answer the question

**Question 9:** There are 8 people I, J, K, L, M, N, O and P each lives on a different floor of a 8 storey building having 8 floors numbered 1 to 8 (the ground floor is numbered 1, the floor above it, number 2 and so on and the topmost floor is numbered 8), 'J' stay on which floor?

- I. There are two persons stay between I and L. I stays on odd numbered floor and more than four persons stay below I.
- II. M stays on immediately below L and stays on immediately above N.
- III. There are two persons stay between N and K. There is one person stays between N and P.

- A)** If the data in Statement I and II are sufficient to answer the question while the data in Statement III is not required to answer the question
- B)** If the data in Statement I and III are sufficient to answer the question, while the data in Statement II is not required to answer the question
- C)** If the data in Statement II and III are sufficient to answer the question, while the data in Statement I is not required to answer the question
- D)** Answer cannot be found even using all the three statements
- E)** If the data in all the Statement I, II and III together are necessary to answer the question

**Question 10:** There are 6 people P, Q, R, S, T and U each lives on a different floor of a 6 storey building having 6 floors numbered 1 to 6 (the ground floor is numbered 1, the floor above it, number 2 and so on and the topmost floor is numbered 6) and go to 6 different city. Who among the person goes to Kolkata?

- I. G stays on even numbered floor but not stays on top most floor. There are two persons stay between G and E who goes to Bhopal.
- II. F stays on immediately above E and goes to Jaipur. There are three persons stay between F and I who goes to Patna.
- III. G goes to Mumbai and stays on immediately above K. The person who goes to Delhi stays on above the person who goes to Kolkata.

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**Question 11: What is the direction of point A with respect to point K?**

**Statement I:** Point A is 6 m to the west of point B. Point C is 6 m to the south of point B. Point E is 4 m to the south of point D. Point C is 8 m to the west of point D. Point E is 10 m to the east of point F.

**Statement II:** Point I is 7 m to the north of point H. Point I is 3 n to the west of point J. Point H is 6 m to the west if point G. Point F is 4 m to the north of point G. Point K is 2 m to the south of point J.

**Question 12: What is the distance between the final positions of ANIT and BUNIT?**

**Statement I:** ANIT starts from a point in north direction. After walking for 6 m he turns to right and walks 8 m to reach point B. Next he takes a right turn again and walks 5 m before turning to left. Next he walks 7 m and turns right. Leaks for 5 m and stops finally.

**Statement II:** BUNIT starts walking in south direction form point B. Walks for 8 m and takes a left turn. Next walks for 10 M and turns to right, walks for and finally stops.

**Question 13: How is B related to A?**

**Statement I:** K is brother of B. A is father of E. A is son of C. G is son of D. H is sister of G.

**Statement II:** F is niece of G and sister of A. B is sister in law of G. D has only 3 children one of them being girl

**Question 14: How is 'may' written in code language?**

**Statement I:** In that code language, 'she he we' is written as 'ip ap de' and 'they we may' is written as 'ip pu od'.

**Statement II:** 'she could we' is written as 'ap su ip' and 'we he should' is written as 'en de ip'.

**Question 15: Who is tallest among - A, B, C, D, E and F?**

**Statement I:** C is taller than B and shorter than D. D is not the tallest. B is taller than E. F is taller than C and also A.

**Statement II:** F is taller than C and B both. D is taller than B. E is shorter than B. A is shorter than D.

**Question 16: How is A related to F?**

**Statement I:** M is sister of F. B is mother of M. D is father of L. L is brother-in-law of A. C is married to D and has only 2 children one of them being B. Only one of the children of D is married.

**Statement II:** H is niece of G who is brother of A. K is father of A. B is only daughter-in-law of J. G is son of J. F is sister of H.

**Question 17: How is C related to A?**

**Statement I:** C is married to D. F is sister of A. H who is not married is son of D. F is sister-in-law of B. A is married to B.

**Statement II:** A is husband of B. G is daughter of B. F is sister of A. D is father of H. C is mother of F

**Question 18: What is the direction of point A with respect to point G?**

**Statement I:** Point A is 5 m north of point B. Point B is 7 m to west of point C. Point E is 4 m west of point D. Point G is somewhere south of point E. Point C is 2 m north of point D.

**Statement II:** Point A is 6 m west of point B. Point C is 3 m to south of point B. Point D is 2m north of point E. Point E 6 m west of point G. Point D is 8 m to west of point C.

**Question 19: Who is sitting opposite E in a circle in which 6 people are sitting facing centre.**

**Statement I:** E is sitting to immediate left of A. There are 2 people in between A and C. F is immediate neighbor of C. D is sitting opposite B.

**Statement II:** B and E are sitting together. A is sitting opposite A. F and D are sitting together. A and B are not sitting together.

**Question 20: Who is sitting second to the left of B in a line in which all people are facing north? (B is not sitting at any extreme end)**

**Statement I:** C is sitting to immediate left of E. There are 2 people between A and E. D and A are immediate neighbors. There are 2 people between B and F. B and E are not sitting together.

**Statement II:** D is sitting to immediate left of A. There are 2 people between A and E. C is sitting second to left of F

**Question 21: On which date S leaves for JAIPUR in January month?**

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

II. S mother correctly remembers that S leaves for JAIPUR after 5th but before 7th January..

**Question 22: Five persons A, B, C, D and E are sitting around a circular table with all of them facing towards the center. Who sits immediate left of B ?**

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

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

**Question 23: What is code of "called" ?**

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

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

**Question 24: Point S is in which direction with respect to point Y?**

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

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

**Question 25: Five persons A, B, C, D and E are of different weight . Who is heaviest ?**

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

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

**Question 26: Who amongst A, B, C, D and E is the shortest?**

- I. A is taller than B. E is not the tallest.
- II. C is taller than A. D is not the tallest.

**Question 27: How is B related to E?**

- I. M and Z are brothers of B and E is son of Z.
- II. D is mother of U who is son of B.

**Question 28: In which month of the year did R go Patna for a vacation?**

- I. R correctly remembers that she went for a vacation in the first half of the year.
- II. R's husband correctly remembers that they went for a vacation after 31st March but before 1st May.

**Question 29: Is P is maternal aunt of M?**

- I. A is son of P. A is brother of B. B is daughter of C. F is sister of C. M is daughter of F.
- II. D is father of M. F is mother of M. K is brother of F. K has two children J and R. P is married to K.

**Question 30: Among V, W, X, Y and Z, seated in a straight line facing south, who sits at the middle?**

- I. W sits second to right of V. Z is not immediate neighbor of Y.
- II. V sits third to left of Y. W sits on the immediate right of X.

**Question 31: Point A is in which direction with respect to point B?**

- I. Point D is to the east of point A. Point A is to the south of point F. Point B is in southwest of point D.
- II. Point F is to the north-west to point B. Point B is to the south of point D which is east of Point F. Point A is in north of point D.

**Question 32: On which day of the same week is L's exam scheduled (Monday being the first day of the week)?**

- I. L correctly remembers that his exam is scheduled on a day after Tuesday, but before Thursday of the same week.
- II. L's father correctly remembers that L's exam is scheduled on the third day of the week.

**Question 33: How many marks has J scored in the test? (Maximum marks 20)**

- I. J scored two-digit marks. Her marks were not in decimals.
- II. J scored more than 9 marks in the test. Her marks is perfect square.

**Question 34: P, Q, R, S and T are sitting in a row with all of them facing towards north direction. Who is second to the left of P?**

- I. R is to the immediate left of T and second to the right of S.
- II. Q is to the immediate right of S and third to the left of P.

**Question 35: Who is sitting to the immediate right to Manisha among five friends sitting around a circle facing the centre?**

- I. Sherya is sitting exactly between Kajal and Sneha and Raj is sitting to the immediate right of Sneha.
- II. Manisha is sitting exactly between Kajal and Raj and Sherya is sitting to the immediate right of Kajal.

**Question 36: What does 'ra' mean in the code language?**

- I. 'st qm ra' means 'Look at me' and 'qm ms st rt' means 'don't look at him' in that code language.
- II. 'ka tv ne ra' means 'take me and go' and 'vw wx si ra' means 'either me or you' in that code language.

**Question 37: How is Sarita related to Rajesh?**

- I. Soni, the cousin of Rajesh, is the niece of Sarita.
- II. Swarna is sister of Sarita who is the wife of Om. Om is the father of Rajesh.

**Question 38: What is M's rank in the class of 40?**

- I. S, who is 9th from the top in the class is above R by 12 ranks who is below M by 5 ranks.
- II. N, who is between M and Q, is 15th from the bottom.

**Question 39: Point Y is in which direction with respect to point X?**

- I. Point A is east of point B and north of point X. Point Y is north-west of point A.
- II. Point X is east of point B and north of point A. Point Y is north of point A.

**Question 40: Who among A, B, C, D and E types fastest?**

- I. B types faster than E but he is not the fastest among them.
- II. C types faster than D and E. C does not type as fast as A and B.

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**Question 41: Six kids viz. U, V, W, X, Y and Z were born in the same week starting from Monday to Saturday, one on each day. How many of them are older than W?**

- I.** X is older than at least three kids. U was born on Tuesday.
- II.** Y is older than at least one of them. W was born immediately after X.
- III.** At least four persons were born after V.

**Question 42: In a certain code language 'fa ka la ju' means 'will black high fly'. Then what is the code of 'feed black'?** If,

- I.** 'lu ja ka hu' means 'will crow feed us',
- II.** 'ju lu na fu' means 'fly of the us'
- III.** la fu ja ju' means 'feed black the fly'

**Question 43: There are 5 boxes V, W, X, Y, and Z of chocolate stored in 5 floor shelves one above the others. In which floor does box X store?**

- (I)** Box Y is at topmost floor. Box W is just below V but store in even numbered floor.
- (II)** Box Y does not store in an even number floor.
- (III)** Box Z does not store in even number floor and Y is above Z.

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- (B) If the data in **statement I and II together are sufficient** to answer the question, while the **data in statement III are not sufficient** to answer the question.
- (C) If the **data in statement I and III together are sufficient** to answer the question, while the **data in statement II is not sufficient** to answer the question.
- (D) If the data in **statement II and III together are sufficient** to answer the question, while the **data in statement I is not sufficient** to answer the question.

(E) If the **data in all the statement I, II and III together are necessary** to answer the question.

**Question 44: How is 'world' written in a code language?**

- (I) 'after become world for 'is written as 'mn, lk, st, uv' in that code language.
- (II) 'become digital year one' is written as 'pq, cd, st, lm' in that code language.
- (III) 'fight news world center' is written as 'ad, op, mn, ma 'in that code language.

**Question 45: 'S' is in which direction with respect to 'Q'?**

- (I) P is north of Q and west of T who is south of N.
- (II) T is west of J who is north east of S who is south east of P.
- (III) S is north of K and south west of 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 in answer the question.
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**Question 46: In which year was Rahul born ?**

**Statements:**

- I. Rahul at present is 25 years younger to his mother.
- II. Rahul's brother, who was born in 1964, is 35 years younger to his mother.

**Question 47: What will be the total weight of 10 poles, each of the same weight ?**

**Statements:**

- I. One-fourth of the weight of each pole is 5 kg.
- II. The total weight of three poles is 20 kilograms more than the total weight of two poles.

**Question 48: How many children does M have ?**

**Statements:**

- I. H is the only daughter of X who is wife of M.

- II. K and J are brothers of M.

**Question 49: How much was the total sale of the company ?**

**Statements:**

- I. The company sold 8000 units of product A each costing Rs. 25.  
II. This company has no other product line.

**Question 50: The last Sunday of March, 2006 fell on which date ?**

**Statements:**

- I. The first Sunday of that month fell on 5th.  
II. The last day of that month was Friday.

**Question 51: Who is to the immediate right of P among five persons P, Q, R, S and T facing North ?**

**Statements:**

- I. R is third to the left of Q and P is second to the right of R.  
II. Q is to the immediate left of T who is second to the right of P.

**Question 52: On which date of the month was Anjali born in February 2004 ?**

**Statements:**

- I. Anjali was born on an even date of the month.  
II. Anjali's birth date was a prime number.

**Question 53: How is X related to Y?**

**Statements:**

- I. Y says, "I have only one brother".  
II. X says, "I have only one sister".

**Question 54: How is F related to P?**

**Statements:**

- I. P has two sisters M and N.  
II. F's mother is sister of M's father.

**Question 55: B is the brother of A. How is A related to B ?**

**Statements:**

- I. A is the sister of C.  
II. E is the husband of A.

**Question 56: Among T, V, B, E and C, who is the third from the top when arranged in the descending order of their weights ?**

**Statements:**

- I. B is heavier than T and C and is less heavier than V who is not the heaviest.
- II. C is heavier than only T.

**Question 57: Which word in the code language means 'flower' ?****Statements:**

- 'de fu la pane' means 'rose flower is beautiful' and 'la quiz' means 'beautiful tree'.  
'de la chin' means 'red rose flower' and 'pa chin' means 'red tea'.

**Question 58: How many students in a class play football ?****Statements:**

- I. Only boys play football.
- II. There are forty boys and thirty girls in the class.

**Question 59: Who is C's partner in a game of cards involving four players A, B, C and D ?****Statements:**

- I. D is sitting opposite to A.
- II. B is sitting right of A and left of D.

**Question 60: On a T.V. channel, four serials A, B, C and D were screened, one on each day, on four consecutive days but not necessarily in that order. On which day was the serial C screened ?****Statements:**

- I. The first serial was screened on 23rd, Tuesday and was followed by serial D.
- II. Serial A was not screened on 25th and one serial was screened between serials A and B.

**Question 61: How is Sulekha related to Nandini ?****Statements:**

- I. Sulekha's husband is the only son of Nandini's mother.
- II. Sulekha's brother and Nandini's husband are cousins.

**Question 62: Can Ritesh retire from office X in January 2006, with full pension benefits ?****Statements:**

- I. Ritesh will complete 30 years of service in office X in April 2000 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. Ritesh has 3 years to complete age of 60.

**Question 63: What is the code for 'or' in the code language?**

**Statements:**

- I. 'nik sa te' means 'right or wrong', 'ro da nik' means 'he is right' and 'fe te ro' means 'that is wrong'.  
II. 'pa nik la' means 'that right man', 'sa ne pa' means 'this or that' and 'ne ka re' means 'tell this there'.

**Question 64: Madan is elder than Kamal and Sharad is younger than Arvind. Who among them is the youngest ?**

**Statements:**

- I. Sharad is younger than Madan.  
II. Arvind is younger than Kamal.

**Question 65: On which date in August was Kapil born ?**

**Statements:**

- I. Kapil's mother remembers that Kapil was born before nineteenth but after fifteenth.  
II. Kapil's brother remembers that Kapil was born before seventeenth but after twelfth.

**Question 66: What is Nitin's rank from the top in a class of forty students ?**

**Statements:**

- I. There are ten students between Nitin and Deepak.  
II. Deepak is twentieth from the top.

**Question 67: Which direction is Sunny facing now ?**

**Statements:**

- I. If Sunny turns to his right and again turns to his right, he will be facing North.  
II. If Sunny walks some distance and turns left and again walks some distance, then his face will be towards left of Dinesh who is facing South.

**Question 68: T studies in which of the schools B, C, D, E and F ?**

**Statements:**

- I. T does not study in the same school as either R or J.  
II. R and J study in schools D and F respectively.

**Question 69: How is Divya related to Shaloo ?**

**Statements:**

- I. Divya's mother is sister of Shaloo's father.
- II. Shaloo is the daughter of Divya's grandfather's only child.

**Question 70: How many New Year's greeting cards were sold this year in your shop ?**

**Statements:**

- I. Last year 2935 cards were sold.
- II. The number of cards sold this year was 1.2 times that of last year.

**Question 71: Which bag amongst P,Q,R,S & T is the heaviest ?**

I) Bag Q is heavier than R & S . Bag T is heavier only than bag P .

II) Only three bags are lighter than R. The weight of bag Q is 50 kg which is 2 kg more than bag R

**Question 72: Among people A,B,C,D,E & F , each having a different weight .Who is the second highest ?**

I) C is heavier than only two people. A is heavier than F but lighter than B . D is not the highest .

II) F is lighter than only two people. C is lighter than F but heavier than D . A is lighter only B.

**Question 73: Who is the youngest among A,B,C,D & E**

I) B is younger than C & D

II) A is younger than C but older than E

**Question 74: Who among D,E,F,G,H & J got the highest marks in an exam ?**

I) D's marks was more than G & J and E's marks was less than that of F

II) E scored less than G . J scored more than G & H . No one scored marks between F & G or F & H .

**Question 75: Among five friends P,Q,R,S & T having different heights, who is the tallest ?**

I) R is taller than only one friend. Only one friend is taller than T . P is not the shortest .

II) R is the shorter than three persons. Only one person is taller than T. P is neither the tallest nor the shortest in the group . Q is the shortest in the group .

**Question 76: How is J related K ?**

I. J's father P is brother of N . N is K's wife.

II. J is son of P. P is brother of N . N is K's wife

**Question 77: How is T related to S ?**

- I. S is the only son of Q, who is father in law of T.  
 II. T is daughter in law of P's mother .

**Question 78: How many sons does R have ?**

- I. T is mother of R's son P, who has two sisters E and D.  
 II. There are six family members-two males and four females -in T's family . T is wife of R

**Question 79: How is B related to C ?**

- I. A is father of B & B is father of D, who is daughter of C  
 II. C is sister-in-law of E, who is brother of B

**Question 80: How many brothers does Y have ?**

- I. Q, mother of Y, has only three children  
 II. P, grandmother of Y, has only one granddaughter

**Question 81: How is E related to S ?**

- I. W is father of X and P is grandson of E, who is wife of W  
 II. G is mother of S and daughter -in-law of W

**Question 82: How is R related to Q ?**

- I. T is wife of one of the sons of Y and mother of grandson of father of X  
 II. R is mother of X. X is father of Q but Q is not daughter of wife of X

**Question 83: How is A related to B ?**

- I. S is one of the brothers of A. L is the only sister of A.  
 II. B is sister of M, who is mother of S

**Question 84: Is the son of S ?**

- I. S is father of F. F is the only sister of B. B is married to K. K, the only child of L, is the sister-in-law of C .  
 II. F is sister of C . F is daughter of T . T is mother of B . B is son of S. S has only one daughter.

**Question 85: Who is brother-in-law of K ?**

- I. K is married to brother of R. P is daughter of K. B has no child.  
 II. B & J are the two brothers of sister R

**Question 86: Among five friends P, Q, R, S and T each studying in a different standard, viz 3rd, 4th, 5th, 6th and 8th. In which standard does R study?**

- I. Q studies in a standard which is an odd number. R is Q's senior but does not study in 8th standard.  
 II. Only three students are senior to P. Q is senior to P but junior to R.  
 III. S is not junior to T.  
 A. Only 1  
 B. Only 2  
 C. Only 1 and 2

D. Only 1 and 3

E. All 1, 2 and 3

**Question 87: On which day of the week did Arjun arrive?**

**I.**His sister, Malavika, correctly remembers that he did not arrive on Wednesday.

**II.**His friend, Bala, correctly remembers that he arrived before Friday.

**III.**His mother correctly mentions that he arrived before Friday but after Tuesday.

A.Only I and II

B.Only II and III

C.Only I and III

D.All I,II and III

E.Can't be determined

**Question 88: Who among Jai, Surya, Hari and Mani is the heaviest?**

**I.** Surya is heavier than Mani.

**II.**Jai is not as heavy as either Hari or Surya.

**III.**Mani is neither the heaviest nor the lightest.

A.Only I

B.Only II and III

C.Only I and III

D.All I,II and III

E.Can't be determined

**Question 89: What is Priya's position with respect to Anu?**

**I.**Priya is sitting 12th from right end of row and Anu is sitting 20th from left end of the row

**II.**Anu is 6th from left end.

**III.**The row has a total of 25 students.

A.Only I

B.Only II and III

C.Only I and III

D.Only I and II

E.Can't be determined

**Question 90: How many pages of the Book did Aruna read on Sunday ?**

**I.**Aruna read the last 50 pages of the book on Monday morning

**II.**The book has 300 pages out of which two-thirds were read by Aruna before Sunday.

**III.**Aruna always read less pages in Monday compared to

Wednesday.

A.Only I

B.Only I and II

C.Only I and III

- D. Only II and III  
E. Can't be determined

**Question 91: How many students are there between Venu and Prakash in a row of sixty students?**

**I.** Ramesh is twentieth from the left end and Venu is five places away from Ramesh.

**II.** Venu is twenty-second from the left end and Prakash is twenty-seventh from the right end.

**III.** Prakash sits at an end

- A. Only I  
B. Only II  
C. Only III  
D. Only I and II  
E. none of these

**Each of the following questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer.**

- (A) if the data in **statement I alone are sufficient** to answer the question, while the data in statement II alone are not sufficient in 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 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 are together necessary** to answer the question.

**Question 92: How is 'party' coded in the language?**

**Statement I:** 'going to a party' is coded as 'la fa qu tu' and 'for a party' is coded as 'fa me tu'.

**Statement II:** 'start the party' is coded as 'tu co ra' and 'going to start' is coded as 'qu co la'

**Question 93: How is E related to F?**

**Statement I:** D is son of E. C is father of B. F is daughter of A. G is only brother of A. B is sister-in-law of G and sister of D.

**Statement II:** A is father of F. D is sister of F. G is brother of A. K is mother of H. H is sister of G. C is only sister-in-law of H. E is father-in-law of C.

**Question 94: 7 persons are sitting in a line facing north. Who is sitting second to left of D?**

**Statement I:** H is sitting immediate left of A. Two persons are sitting between A and B. 2 persons are sitting between E and D. D and F are immediate neighbors. E is somewhere left of B.

**Statement II:** A is sitting second to left of C. F is third to right of C. A is exactly between H and E such that one of them is at extreme end. B and C are immediate neighbors.

**Question 95: A is in which direction with respect to B?**

**Statement I:** A walks 1 km towards north-east from point P and then before walking 2 km towards south, walks 2 km towards east. Before walking 3 km towards west, B walks 4 km towards north from point P.

**Statement II:** B walks 2 km towards south from point P and then before moving 8 km towards north, walks 3 km towards west.

**Question 96: How is 'he is smart' written in the code language?**

**Statement I:** In the same code language 'I want to be smart' is written as 'jai gai pa mai ka', 'he needs money' is written as 'tik si sa' and 'she needs sweets' is written as 'ko sa ja'

**Statement II:** In the same code language 'what she want to be' is written as 'jai ka aaj gai ko', 'I want sweets what he needs' is written as 'ja sa pa ka aaj tik' and 'smart are gentle' is written as 'bo mai ali'.

## SOLUTIONS

1. C

2. B

**Solution:**

In statement 1, only the maternal relationships are given.

In statement 2, M is paternal uncle of P

3. C

**Solution:**

From statement 1, U is tallest

From statement 2 also U is tallest: Order in ascending order is – S/T, S/T, R P Q U

4. A

**Solution:**

From statement I, X, Y, Z stand in stand in a straight line

From statement II, Point Z cannot be connected to the figure formed in which points X and Y exists. So cannot be said about point Z that it lies straight to X and Y or not.

5. C

6. B

Explanation:

**Floor People**

6 P  
 5 T  
 4 R  
 3 S  
 2 Q  
 1 U

7. E

Explanation:

6	E	RED
5	A	
4	D	PINK
3	C	
2	F	WHITE
1	B	GREEN

8. B

Explanation:

Floor	person
8	T
7	S
6	M
5	—
4	O
3	N
2	R
1	Q

9. D

10. E

Explanation:

Floor	Person	City
-------	--------	------

6	I	PATNA
5	H	DELHI
4	G	MUMBAI
3	K	KOLKATA
2	F	JAIPUR
1	E	BHOPAL

11. E

**Solution:**

Point A in statement I and K in statement II. Point F in both statements joins them to tell the direction.

12. D

**Solution:**

Since we do not know the final distance of ANIT we cannot know the actual stopping point of BUNIT so cannot be determined from any of the statements or both together.

13. D

**Solution:**

From both statements C and D are not linked in any way. If c and d are a couple then only B is wife of A.

14. D

**Solution:**

Codes for them and may both are unknown, so can't be found for 'may'.

15. A

**Solution:**

From I F is tallest.

From II F or D is tallest.

16. A

**Solution:**

From I: D and C have 2 children – B and L. Only 1 is married. B has children, so only B is married. L is not married so A can only be husband of B so father of F.

From II: B is only daughter-in-law, can be wife of A, G or any other son of K and J. so A can be father or uncle of F.

17. B

**Solution:**

From I, gender of A and B is not known, so A can be son or daughter of C. So C mother/father of A

From II, C is mother of A

18. C

**Solution:**

From I, A is north-west of G

From II also, A is north-west of G

19. A

**Solution:**

From I, F is sitting opposite E.

From II, many arrangements are possible.

20. C

**Solution:**

From I, arrangement is D A B C E F

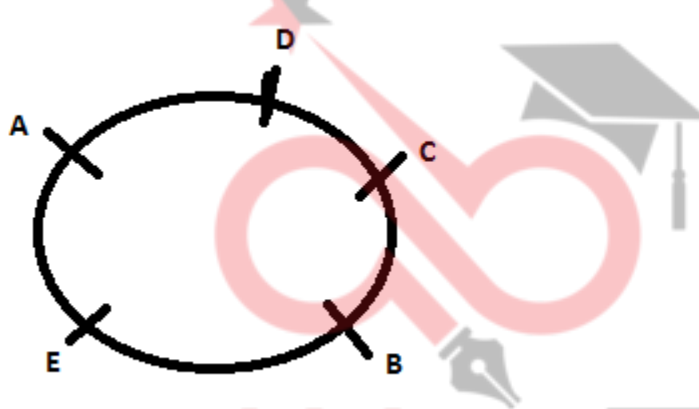
From II also, arrangement is D A B C E F

21. B

From statement II- S leaves for Jaipur on 6th January.

22. B

From statement II- E sits immediate left of B.



23. A

From 1- Called= by

24. B

From statement II- S is south-east of point Y.

25. A

From statement I-

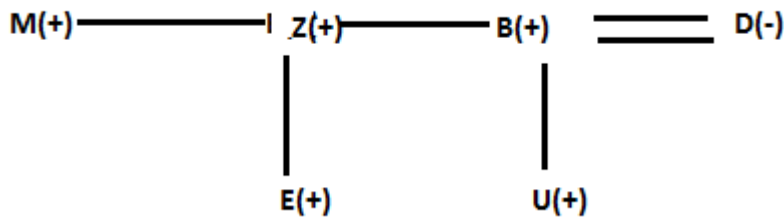
$A > E > B > C/D > C/D$

26. D

27. E

From combining 1 and 2-

B is uncle of E.



28. B

Sol. From 1- We can not decide.  
 From 2- April.

29. B

From statement 1-We can not decide.  
 From statement 2-We can say that P is maternal aunt of M.



30. E

From both 1 and 2-  
 X is the middle of the row.

31. B

A is north of B.

32. C

From statement I- Wednesday,  
 From statement II- Wednesday

33. B

From statement II- 16 marks

34. E

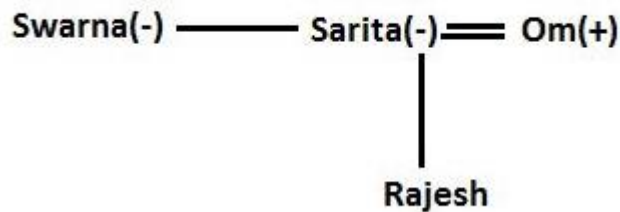
35. C

36. C

if the data in either in statement I alone or in statement II alone are sufficient to answer the question. ra=me

37. B

Sol. From statement II- Sarita is mother of Rajesh.



38. A

if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient in answer the question.

S's rank from top=9th

R's rank from top=21st

M's rank from top in the class= 16th

39. A

Sol. if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient in answer the question.

From Statement I- Point Y is in north-west of point X.



40.E

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

After combining both statements I and II- A types fastest among them.

$A > B > C > D/E > D/E$

41.A

42.B

43.C

44.C

By using (I) and (III) statement we can find the code of world is- 'mn'.

45. E

**46. E****Explanation:**

From both I and II, we find that Rahul is  $(35 - 25) = 10$  years older than his brother, who was born in 1964. So, Rahul was born in 1954.

**47. C****Explanation:**

From I, we conclude that weight of each pole =  $(4 \times 5)$  kg = 20 kg.

So, total weight of 10 poles =  $(20 \times 10)$  kg = 200 kg.

From II, we conclude that:

Weight of each pole = (weight of 3 poles) - (weight of 2 poles) = 20 kg.

So, total weight of 10 poles =  $(20 \times 10)$  kg = 200 kg.

**48. D****Explanation:**

From I, we conclude that H is the only daughter of M. But this does not indicate that M has no son. The information given in II is immaterial.

**49. E****Explanation:**

From I, total sale of product A = Rs.  $(8000 \times 25)$  = Rs. 200000.

From II, we know that the company deals only in product A.

This implies that sale of product A is the total sale of the company, which is Rs. 200000.

**50. C****Explanation:**

From I, we conclude that 5th, 12th, 19th and 26th of March, 2006 were Sundays.

So, the last Sunday fell on 26th.

From II, we conclude that 31st March, 2006 was Friday. Thus, 26th March, 2006 was the last Sunday of the month.

**51. C****Explanation:**

From I, we have the order: R, -, P, Q.

From II, we have the order: P, Q, T.

Clearly, each one of the above two orders indicates that Q is to the immediate right of P.

**52. E****Explanation:**

From I and II, we conclude that Anjali was born in February 2004 on a date which is an even prime number. Since the only even prime number is 2, so Anjali was born on 2nd February, 2004.

**53. D**

**Explanation:**

The statements in I and II do not provide any clue regarding relation between X and Y.

**54. E****Explanation:**

From I and II, we conclude that P is M's brother and so M's father is P's father. So, F is the child of the sister of P's father i.e. F's mother is P's aunt or F is P's cousin.

**55. C****Explanation:**

B is A's brother means A is either brother or sister of B. Now, each one of I and II individually indicates that A is a female, which means that A is B's sister.

**56. A****Explanation:**

From I, we have:  $B > T$ ,  $B > C$ ,  $V > B$ . Thus, V is heavier than each one of B, T and C. But V is not the heaviest. So, E is the heaviest.

Thus, we have the order.  $E > V > B > T > C$  or  $E > V > B > C > T$ . Clearly, B is third from the top

**57. D****Explanation:**

From the two statements given in I, the code for the only common word 'beautiful' can be determined.

From the two statements given in II, the code for the only common word 'red' can be determined.

In I and II, the common words are 'rose and 'flower' and the common code words are 'de' and 'la'. So, the code for 'flower' is either 'de' or 'la'.

**58. D****Explanation:**

It is not mentioned whether all the boys or a proportion of them play football.

**59. C****Explanation:**

Clearly, each of the given statements shows that B is sitting opposite to C or B is the partner of C.

**60. E****Explanation:**

From I, we know that the serials were screened on 23rd, 24th, 25th and 26th. Clearly, D was screened second i.e. on 24th, Wednesday.

From II, we know that one serial was screened between A and B.

So, A and B were screened first and third, i.e. on 23rd and 25th. But, A was not screened on 25th.

So, A was screened on 23rd and B on 25th. Thus, C was screened on 26th, Friday.

**61. C**

**Explanation:**

From I, we conclude that Sulekha is the wife of Nandini's mother's only son i.e. Nandini's brother. Thus, Sulekha is Nandini's sister-in-law.

From II, we conclude that Sulekha is the cousin of Nandini's husband, which implies that Sulekha is Nandini's sister-in-law.

**62. E**

**Explanation:**

Clearly, the facts given in I and II contain two conditions to be fulfilled to get retirement and also indicate that Ritesh fulfills only one condition out of them.

**63. C**

**Explanation:**

I. In 'right or wrong' and 'he is right', the common word is 'right' and the common code word is 'nik'. So 'nik' means 'right'. In 'right or wrong' and 'that is wrong', the common word is 'wrong' and the common code word is 'te'. So, 'te' means 'wrong'.

Thus, in 'right or wrong', 'sa' is the code for 'or'. II. In 'that right man' and 'this or that', the common word is 'that' and the common code word is 'pa'. So, 'pa' means 'that'. In 'this or that' and 'tell this there', the common word is 'this' and the common code word is 'ne'. So, 'ne' means 'this'. Thus, in 'this or that', 'sa' is the code for 'or'.

**64. B**

**Explanation:**

As given, we have:  $M > K$ ,  $A > S$ .

From II,  $K > A$ . Thus, we have:  $M > K > A > S$ .

So, Sharad is the youngest. From I,  $M > S$ . Thus, we have:  $M > K > A > S$  or  $M > A > K > S$  or  $M > A > S > K$ .

**65. E**

**Explanation:**

From I, we conclude that Kapil was born on any one of the dates among 16th, 17th and 18th.

From II, we conclude that Kapil was born on any one of the dates among 13th, 14th, 15th and 16th.

Thus, from both I and II, we conclude that Kapil was born on 16th August.

**66. D**

**Explanation:**

Since there are ten students between Nitin and Deepak, so Nitin may be eleven ranks above or below Deepak. Thus, Nitin may be 9th or 31st from the top.

**67. C**

**Explanation:**

From I, we conclude that Sunny is facing South, since a person facing South shall face North on turning to his right, twice.

From II, we know that after walking, Sunny shall face towards left of Dinesh facing South i.e. East and a person walking southwards shall face East on turning to 'his left.

**68. D**

**Explanation:**

As given in I and II, R studies in school D and J studies in school F. So, T does not study in school D or school F. Thus, T studies in any one of the schools B, C or E.

**69. C**

**Explanation:**

From I, we conclude that Divya's mother is Shaloo's aunt or Divya is Shaloo's cousin.

Now, Divya's grandfather's only child is Divya's parent. So, from II, we conclude that Shaloo and Divya are daughters of the same parents i.e. Divya is Shaloo's sister.

**70. E**

**Explanation:**

From both I and II, we find that the number of cards sold this year =  $(2935 \times 1.2) = 3522$ .

**71. C**

By using I, we get  $Q > R, S > T > P$

By using II, we get,  $Q > R > S, T, P$

**72. A**

From statement I

$E > D > b > C > A > F$

Or

$B > A > F > C > D > E$

From statement II

$B > A > F > C > D > E$

Or

$B > A > F > E > C > D$

**73. D**

**74. E**

From I & II

$D > J > H > F > G > E$

OR

$D > J > G > F > H > E$

Hence D got the highest marks

**75. B**

From II

$S > T > P > R > Q$

Hence S is the tallest among them

Thus, only statement II is sufficient to answer the question.

**76. B**

From I, J is either Niece of Nephew of K & Gender of J is not given

From II, J is nephew of K

**77. A**

From I, T is wife of S

**78. A**

**79. A**

From I, B is husband of C

**80. D**

**81. E**

E is grandmother of S

**82. B**

From II, R is Q's grandmother

**83. D**

**84. C**

From I C is the son of S

From II C is the son of S.

**85. E**

**86. C**

**Explanation :**

From I, R can be in 6<sup>th</sup> or 4<sup>th</sup>

From I and II, R is in 6<sup>th</sup>

**87. C**

**Explanation :**

From I, Wednesday he didn't arrive

From II, number of possible cases S,M,T,W,T

From III, possible cases W,T

But from first he didn't arrive on Wednesday, so from 1 and 3 he arrives on Thursday.

**88. E****Explanation :**

We can't determine the heaviest person from all the three statement as there is no relation between Hari and Surya

**89. C****Explanation :**

From III, the total is known and from I, the position of both in a row can be known, so Priya's position can be known.

**90. B****Explanation :**

From both I and II

$$2/3(300) = 200$$

$$\text{Sunday} = 300 - (200 + 50) = 50$$

**91. B****Explanation :**

From second it is clear that,  
 (21 students) Venu (11 students) Prakash (26 students)

**92. E****Solution:**

From both: party - tu

**93. B****Solution:**

From I, B can be wife of A or can be sister of G's wife.

From II, E is grandfather of F.

**94. B****Solution:**

From I, All people cannot be fitted in line

From II, arrangement from left to right is H/E... A...H/E...C...B...D....F

**95.A****96. D****Solution:**

From both statements also, code for 'is' is not known

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