

Bank Probationary Officer

Reasoning Ability

DATA SUFFICIENCY

FORMAT OF THE PROBLEM

Directions: The questions below consist of a question followed by two statements labelled as (1) and (2). You have to decide if these statements are sufficient to answer the question. Give answer.

1. If statement (1) alone is sufficient to answer the question but statement (2) alone is not sufficient to answer the question.
2. If statement (2) alone is sufficient to answer the question but statement (1) alone is not sufficient to answer the question.
3. If you can get the answer from (1) and (2) together although neither statement by itself sufficient.
4. If statement (1) alone is sufficient and statement (2) alone is sufficient.
5. If you can not get the answer from statement (1) and (2) together but still more data are needed.

Ex. 1 What day is today ?

- I. Yesterday was sunday
- II. Today is Ram's birthday.

How to find answer

First of all analyses the given data and find out whether it is possible to get answer from the first statement alone is sufficient then either 1 or 4 will be the answer. Then check the 2nd statement. If it is sufficient to arrive at the answer then the answer choice will be 4. Otherwise the answer should be marked as 1.

If the 1st statement alone is not sufficient to answer the question then the possible answers are (2) (3), or (5) of the second statement alone is sufficient to get the answer the answer choice is (2) if I and II together will help in finding out the answer the answer choice is (3) if the above two are not possible the answer will be (5).

Now let us find the answer to the question given in the example. We have to find out what day today is for that first check whether the 1st statement is sufficient to find out this. Statement I says that yesterday was sunday from which it is clear that today is monday.

Now we have to find out the answer from 1 and 4. For that check whether statement II is sufficient to find out which say today is. It is said in statement II that today is Ram's birthday, which conveys no idea to find out what day is today. So the answer choice is (1).

PRACTISE TEST

Directions (Q. 1-10): Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer

- 1) if the data in statement I alone are sufficient to answer the question while the data in statement II alone are not sufficient to answer the question.
- 2) if the data in statement II alone are sufficient to answer the question while the data in statement I alone are not sufficient to answer the question.
- 3) if the data either in statement I alone or in statement II alone are sufficient to answer the question.
- 4) if the data even in both statements I and II together are not sufficient to answer the question.
- 5) if the data in both statements 1 and II together are necessary to answer the question.

1. Which direction is Shashidhar facing?

Statements:

- I. In the early morning Shashidhar was standing in front of a puppet and the shadow of the 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.

2. Who among A, B, C, D and E teaches History?

Statements:

- I. 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.

3. In a row of boys 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.

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

Statements:

- I. B secured less marks than A and F but not less than C, D and E.
- II. F secured more marks than B but not as much as A.

5. 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.

6. Mahesh's flat is on which floor of the five-floor apartment?

Statements:

- I. His flat is exactly above Ganesh's flat whose flat is exactly above Nitin's first-floor flat.
- II. Jeevan's flat, which is adjacent to Mahesh's flat, is exactly below Ahmed's flat, who is on fourth floor.

7. At present, how many villagers are voters in village 'X'?

Statements:

- I. There were 860 voters in village 'X' in the list prepared for the last election.
- II. The present list of village 'X' has 15% more voters than the list for the last election.

8. How many stations are there while going from station 'X' to station 'Y'?

Statements:

- I. Station 'G' precedes station 'Y' and station 'K' is next station after station 'X'.
- II. Station 'M' is third from 'K' and there are 4 stations between M and Y.

9. How many books did Dinesh purchase in 'X' bookshop?

Statements:

- I. Dinesh wanted to purchase 65 books, but only 45 books were available in shop 'X'.
- II. Dinesh selected 37 books but had money to purchase 27 books and asked for some credit to which the shop-keeper of 'X' book-stall did not agree.

10. If the first day of a month is Thursday, how many days were there in that month?

Statements:

- I. The fourth Sunday happened to be on 25th.
- II. The last day of the month was the fifth Saturday of that month.

Directions (Q. 11-15): Each of the questions below consists of a question and two or three statements given below it. You have to decide whether the data provided in the statements are sufficient to answer the question.

11. Who is the uncle of L ?

A) P, brother of M, is father of L; M is father of S.

- B) R is father of L's cousin.
- 1) A alone is sufficient
 - 2) B alone is sufficient
 - 3) Either A alone or B alone is sufficient
 - 4) Both A and B together are not sufficient
 - 5) Both A and B together are necessary
12. Who is to the North-East of R?
- A) S is to the South-East of N, who is to the South West of P, who is to the North of Q.
 - B) T is to the North-West of Q, who is to the South of P.
 - C) R, who is to the North of S, is midway between N and Q, N being to the West of R.
- 1) All A, B, C together are required
 - 2) Only A and C together are sufficient
 - 3) Only B and C together are sufficient
 - 4) Either A and C together or B and C together are sufficient
 - 5) None of these
13. How much did Sohil get as profit at the year-end in the business done by Animesh, Sohil and Akhilesh?
- A) Akhilesh invested Rs. 8000 for nine months, his profit was $\frac{3}{2}$ times that of Sohil's, and his investment was 4 times that of Animesh.
 - B) Animesh & Sohil invested for one year and in the proportion 1 :2 respectively.
 - C) The three together got Rs 1000 as profit at the year-end.
- 1) Only A and B together are sufficient
 - 2) Only A and C together are sufficient
 - 3) A, B and C together are not sufficient
 - 4) A, B and C together are not necessary
 - 5) None of these
14. What is the rank of Suresh in a class of 17 students?
- A) Nitin, having 13th rank from the bottom, is six ranks ahead of Bhupesh, who is two ranks behind Suresh.
 - B) Bhupesh is four ranks ahead of Kamlesh.
 - C) Bhupesh is two ranks behind Suresh and Kamlesh's rank is 15
- 1) Only A alone is sufficient
 - 2) Either A alone or B and C together are sufficient
 - 3) Only B and C together are sufficient
 - 4) Only A and C together are sufficient
 - 5) None of these
15. Which code represents 'Them' in the given code language?
- A) In the code language, 'Se Me Ye' means 'Tell Them Young' and 'Me Yo Na Ye' means 'Wise Young Sharp Tell'.
 - B) In the code language 'Na Ki Pa Lo' means 'Clever Sharp Come Tomorrow' and 'Ki Po Se Ye' means 'Bring Clever Young Them'.
 - C) In the code language, 'Pa Na Se Ki Te' means 'Cleve Sharp Come Them No' and 'Ki Ni Pa Be Te Na' mean 'Yellow Come Sharp Run Clever No'.
- 1) Only A alone is sufficient
 - 2) Either A alone or B and C together are sufficient
 - 3) Only B and C together are sufficient
 - 4) Only C alone is sufficient
 - 5) Either A alone or C alone is sufficient
- Directions (Q. 16-75): Each of the questions consists of a question and two statements numbered I and II given below it. You have to decide whether the data provide) in the statements are sufficient to answer the question. Read both the statements and Give answer**
- 1) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone not sufficient to answer the question;
 - 2) If the data in statement II alone are sufficient to answer the question, while the data in statement I all are not sufficient to answer the question;
 - 3) If the data either in statement I alone or in statement II alone are sufficient to answer the question;
 - 4) If the data even in both statements I and II

- together are not sufficient to answer the question;
- 5) If the data in both statements I and II together are necessary to answer the question.
 16. How many girls are taller than Samir in his class?
 - I. When students of Samir's class are ranked in descending order of their height, Samir's rank is 17th from top among all the students and 12th among boys.
 - II. Samir's rank from the bottom on the basis of height among boys is 18th and among all students is 29th.
 17. Among Nitin, Amit, Sudesh, Rekha and Sujata, who last for the programme?
 - I. Nitin came after Amit but not after Sujata.
 - II. Rekha came after Sujata but not after Sudesh.
 18. Out of the four teams A, B, C and D which team is likely to win as per the opinion poll ?
 - I. As per the opinion poll, chances of team C's winning are more than that of team A but not as much as that of team B, whose chances of winning are more than that of team A.
 - II. As per the opinion poll team C's chances of winning are less than that of team B but not less than that of team D, whose chances of winning are more than that of team A.
 19. How is Pratibha related to Suresh?
 - I. Suresh's mother is Pratibha's mother-in-law.
 - II. Suresh is the only son of Sushila, who is Pratibha's mother-in-law.
 20. Five friends P, Q, R, S and T are standing in a row facing East. Who is standing at the extreme right end?
 - I. Only P is between S and T; R is to the immediate right of T.
 - II. R is between T and Q.
 21. What does 'Ne' stands for in the code language?
 - I. 'Na Ni Nok Ne' means 'I will tell you' and 'Ni Nok Ne Nam' means 'he will tell you' in that code language.
 - II. 'Ni Ne Mo Nam' means 'will he call you' and 'Ne Mok Sac Ni' means 'how will you go' in that code language.
 22. Who amongst P, Q, R, S, T and U is the tallest?
 - I. P is taller than R and T but not as tall as U, who is taller than Q and S.
 - II. R is the third in height in the ascending order and not as tall as U, P and Q, Q being taller than P but not the tallest.
 23. Who among A, B, C, D, E & F read the book last?
 - I. F, who gave the book to B after reading, was third to read the same.
 - II. C, who read the book after A, was the third person to read the book before it reached E.
 24. Who is paternal uncle of P?
 - I. P is brother of L, who is daughter of Q, who is sister of N, who is brother of S.
 - II. M is brother of K, who is husband of L, who is mother of G, who is sister of P.
 25. What is Sudin's rank in the class of 44 students?
 - I. Ramesh, whose rank is 17th in the class, is ahead of Shyam by 6 ranks, Shyam being 7 ranks ahead of Sudin.
 - II. Suketu is 26 ranks ahead of Sudin and Shyamala is 6 ranks behind Sudin while Savita stands exactly in the middle of Shyamala and Suketu in ranks, her rank being 17.
 26. In an examination 'X' four tests P, Q, R and S are given. Which is the easiest one?
 - I. Most of the examinees attempted test 'Q' first. While 'P' was left incomplete by many.
 - II. Test 'R' is found easier than test 'S' by all the examinees.
 27. In a row of five A, B, C, D and E, who is standing in the middle?

- I. D is to the immediate right of E and B is to the immediate left of E.
 II. B is at the extreme left of the row.
28. What is the distance between villages 'X' and 'Y' by the shortest route?
 I. Village 'X' is to the North of village 'Z' at a distance of 35km.
 II. Village 'Y' is to the west of village 'Z' at a distance of 20km.
29. How is Sushma related to Nandini?
 I. Sushma's husband is the only son of Nandini's mother.
 II. Sushma's brother and Nandini's husband are cousins.
30. How many candidates were interviewed everyday by the panel 'A' out of the three panels A, B and C?
 I. The three panels on an average can interview 15 candidates every day.
 II. Out of a total of 45 candidates interviewed everyday by the three panels, the no. of candidates interviewed by panel 'A' is more by 2 than the candidates interviewed by panel 'C' and is less by 1 than the candidates interviewed by panel 'B'.
31. Who scored highest among A, B, C, D, & E?
 I. B scored more than D, but not as much as C.
 II. E scored more than C but not more than A.
32. How many boys are there in the class?
 I. Mita's rank among girls is 5th from the top and her rank in the class is 9th from the bottom.
 II. No. of boys in the class is twice the number of girls.
33. Who is to the immediate right of P among five persons P, Q, R, S and T facing North?
 I. R is third to the left of Q; 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.
34. Z is in which direction with respect of X?
 I. Y is to the South of X and Z is to the East of P, which is to the North of Y.
 II. P is to the South of X.
35. How is P related to N?
 I. N is sister of M, who is son of Q, whose wife is P.
 II. M is brother of N and son of Q, whose wife is P.
36. How long does it take to reach city 'Y' from city 'X'?
 I. Sangita was scheduled to leave the city 'X' at 17.15 hrs but got late by 45 minutes and reached city 'Y' at 06.15 hrs the next day.
 II. Sangita reached the bus-stand of city 'X' at 14.25 hrs and got the bus after waiting for 35 minutes. She reached city 'Y' at 3.15 hrs the next day.
37. When was Samir born?
 I. Samir passed out from the university on his 22nd birthday on 16th April 1999.
 II. Samir was elder than Sudha by three years who recently celebrated her 18th birthday.
38. How is Mr Sandeep related to Sushila?
 I. Mr Sandeep is the only son of Sushila's brother's father-in-law.
 II. Mr Sandeep's father-in-law is Sushila's father.
39. The annual function of college 'X' was celebrated on which date?
 I. The annual function was celebrated on its 25th foundation day.
 II. The college was founded on 85th day of the year 1974.
40. Who among the three friends A, B and C reached the school first?
 I. A reached the school at 7.15 — am five minutes before the bell rang.
 II. B reached before C, who reached the school before the bell rang.
41. Which village is to the North-East of village 'A'?
 I. Village 'B' is to the North of village 'A', and village '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'.

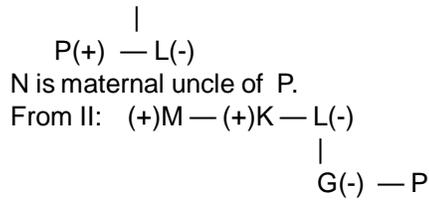
42. Can Rohan retire from office 'X' in January 2000 with full pension benefits?
- Rohan will complete 30 years of service in office 'X' in April 2000 and desires to retire.
 - As per office 'X' rules, an employee has to complete minimum 30 years of service and attain age of 60. Rohan has 3 years to complete age of 60.
43. Among five friends P, Q, R, S and T, who ranks third in terms of salary obtained by them?
- T's salary is more than P and Q but not more than S.
 - R's salary is lowest among them.
44. How is P related to Q?
- J has two daughters, one of them 'R' is married to 'P'
 - Q is the mother of 'S' the younger sister of "R"
45. Which word in the code language means 'flower'?
- 'dem fu la pane' means 'rose flower is beautiful' and 'la quiz' means 'beautiful tree'.
 - 'dem fu chin' means 'red rose flower' and 'pa chin' means 'red tea'.
46. What is the meaning of "nic" in a certain code language ?
- In that code language "pat nic no ran" means "what is your name".
 - In that code language "nic sa ran ja" means "my name is Shambhu".
47. How many daughters does K have?
- L and N are sisters of M.
 - N's mother is K who has only one son.
48. How is S related to R?
- R's sister is the mother of N, who is daughter of S.
 - P is the sister of S.
49. Is D brother of J ?
- J is the sister of M and K.
 - K is the brother of D.
50. Which direction is John facing?
- Alok is to the right of John.
 - A man is sitting opposite of Alok facing north.
51. Who is the tallest among A, B,C, D and E ?
- C is taller than B and E.
 - E is taller than D and A and D is taller than B & C
52. Who among M, T, R, K and Q is the tallest ?
- T is taller than R, M and Q but shorter than K.
 - R, T and M are shorter than K but taller than Q
53. In which month of the year was Mohan born?
- Mohan was born in winter.
 - Mohan was born exactly fourteen months after his elder sister, who was born in October.
54. D is in which direction of P?
- S is to the south of P, which is to the west of D.
 - P and R are in a straight line and R is to the south of D,'
55. How is P related to M ?
- P is brother of K and T.
 - T is daughter of Q and sister of M's daughter.
56. In a certain code language what does 'come' mean?
- 'pit na ja' means 'come and go' in the code language.
 - 'na dik sa' means 'you may go' in the code language.
57. What does 'pit' mean in a certain code language?
- 'ja na pit sod' means 'beautiful bunch of flowers' in that code language.
 - 'na sod pa tok' means 'huge bunch of twigs' in that code language.
58. Towards which direction is P from R?
- S is towards west of M and north-east of R.
 - P is towards south of S.
59. How is M related to R?
- P and R are children of K, who is wife of M.
 - N's sister M is married to R's father.
60. Among Q, R, S, T and V who is third from the top when they are arranged in ascending order of their heights?
- T is taller than Q and V but shorter than R.
 - R and S are taller than T and Q is shorter than T but taller than V.
61. 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 scrutinised on 14th and the ballot papers were prepared on the following day.
62. What is the distance (in km) between Achalpur and Durgapur by the shortest route?
- I. Durgapur is 8 km to the north of Meerapur which is 162 km away from Achalpur.
- II. Achalpur is 69 km away from Bijnaur which is 28 km away from Durgapur.
63. Is Mr 'Y' entitled to get promotion in the month of September 2002?
- I. As per his office rules, the only condition for promotion is completion of 12 years of service in a particular grade on 31 st December of every year.
- II. Mr 'Y' has been working in this office for the last 12 years.
64. What is the area of a square ABCD ?
- I. The perimeter of the square is 16 cm.
- II. The difference between the length of side CD and the sum of the lengths of side AB and CD is 4 cms.
65. How is 'M' related to 'N'?
- I. 'P' is the daughter of 'M' and mother of 'S'?
- II. 'T' is the son of 'P' and husband of 'N'.
66. On which date of a particular year was Aryabhata commissioned into the Earth's orbit?
- I. China's secret services claim that it was between 7th and 10th of May.
- II. The Japan's space research scientists claim that it was between 5th and 10th of May.
67. How is 'A' related to 'D' ?
- I. 'C' is the daughter of A and sister of B.
- II. 'D' is the son of F who is C's grandfather.
68. How many employees of bank 'X' opted for VRS?
- I. 18% of the 950 officer cadre employees and 6% of the 1100 of all other cadre employees opted for VRS.
- II. 28% of the employees in the age group of 51 to 56 and 17% of the employees in all other age groups opted for VRS.
69. In a row of five buildings A, B, C, D and E, which building is in the middle ?
- I. Buildings D and B are at the two extreme ends of the row.
- II. Building E is to the right of building C.
70. Which code word stands for 'good' in the coded sentence '*sin co bye*' which means 'He is good'?
- I. In the same code language '*co mot del*' means 'They are good'.
- II. In the same code language '*sin mic bye*' means 'He is honest'.
71. Among five colleagues, A, B, C, D and E who is the highest salary earner ?
- I. B's salary is less than the sum of the salaries of A and C, but more than the sum of salaries of E and D.
- II. A's salary is more than that of both E and D but less than that of C who ranks second in the descending order of their salaries.
72. How is 'go' written in a certain language?
- I. 'you may come' is written as '*pic na ta*' in that code language.
- II. 'he may go' is written as '*ja ho pic*' in that code language.
73. Among P, Q, R, S, T and V, who is the heaviest?
- I. P and S are heavier than Q, T and V but none of them is the heaviest.
- II. P is heavier than S but lighter than R.
74. A, B, C, D and F are seated around a circular table facing at the centre. Who is on the immediate right of B?
- I. D is between A and F.
- II. C is between B and F.
75. What is the relation between M and F?
- I. M has two sons, one of whom is B.
- II. The mother of F has two sons D and B.

ANSWERS AND EXPLANATIONS

1. 3; From I: It means the sun is to the left of Shashidhar and since it is morning, the left of Shashidhar is East. Hence, Shashidhar is facing South.
From II: Sun is to the left of Shashidhar. Hence, he is facing South [Since it is morning].
2. 1; From I: A teaches History among A, B, C, D and E [The name of other four subjects is given in the statement and A teaches none of them.]
From II: Either B or D teaches History.
- 3.4; From I: Ramakant _ _ _ Chandrakant Suresh
Hence, cannot be determined.
From II: Ramakant __ Suresh __ Naresh
Hence, cannot be determined.
The combination of both statements is not possible.
- 4.5; From I : A, F > B > C, D, E
Either A or F has secured maximum marks.
From II: A > F > B
From I and II, A secured the maximum marks.
- 5.4; At 7.30 PM, the hour hand of the clock will be between 7 and 8. The alphabet code of 8 can not known from the given statements.
6. 3; From I, Mahesh's flat is on the 3rd floor.
From II also, his flat is on the 3rd floor.
7. 5; I gives us the no. of voters in the last election. Now, if we add 1 5%, from II, we get the answer.
- 8.5; XK....., GY (I)
K __ M; M _ _ _ _ Y...(II)
Combing I and II, we get XK __ M __ _GY.
Thus, there are eight stations between X and Y.
9. 2; Desire to purchase a thing is not enough; it is money that matters.
- 10.2; (I) gives no additional information; it may be calculate from the statement itself. (II) leads us to an answer. Thursday is 1st day (given in the statement). So first Saturday will be the 3rd day And 5th Saturday = $3 + 4 \times 7 = 31$ st day. Since this the last day, there were 3 1 days in the month.
- 11.3; (+) P — M (+)
| |
L S
Hence 'M' is uncle of L'.
From (B) it is clear that 'R' is uncle of L'.
12.4 13.5 14.2 15.5
16. 1; From I: $(17 - 12 =)$ 5 girl students are taller than Samir
From II: $(29 - 18 =)$ 1 1 girl students are shorter than Samir. But, from II alone it is not known how many girls are there in the class.
- 17.5; From I : A > N > S From II : S > R > Sud
From I and II, we get A > N > S > R > Sud
- 18.2 19.2
- 20.5; From I : S P T R From II: I R Q East
Combining I & II, we get, S P T R Q
Hence Q is at extreme right
- 21.4; From I : Na Ni Nok Ne \Rightarrow I will tell you ... (i)
Ni Nok Ne Nam \Rightarrow he will tell you ... (ii)
From (i) & (ii) Na \Rightarrow I and Nam \Rightarrow he
From II: Ni Ne Mo Nam \Rightarrow will he call you ... (iii)
Ne Mok Sac Ni \Rightarrow how will you go ... (iv)
Ne Ni is common in all the four statements.
Exact transformation of Ne can't be determined.
- 22.3; From I : P > R, P > T, U > P, U > Q, U > S
 \Rightarrow U is tallest. [Since U is taller than P, Q & S and P is taller than R and T]
From II : __ R < U, P & Q ... (i); Q > P ... (ii)
From (i) and (ii) __ R P Q U
Hence U is tallest.

24. 2; From I: Q(-) — N(+) — S



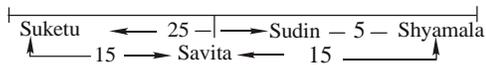
M is the paternal uncle of P

25.3; From I: Ramesh = 17th .

∴ Shyam = (17 + 6=)23th

Sudin = (23 + 7=)30th

From II: Savita= 17th



Sudin's rank = 27th

26.4; From I, P is easier than Q. From II, R is easier than S. But what about relationships like that between P and R?

27.5; From I, we get BED as a sequence. Now, II tells us that B is at the extreme left. Clearly then, D is third from left, i.e. in the middle of the five children.

28. 5; Taking Z as the reference point and using both the equations, we can get the distance between X and Y.

29. 3; From I: Sushma's husband is Nandini's brother (only son of mother) ⇒ Sushma is Nandini's sister-in-law.

From II: Sushma's brother = cousin of Nandini's husband ⇒ Sushma = cousin of Nandini's husband = Nandini's cousin-in-law

30. 2; I is not sufficient. Average leads us nowhere when it comes to specifics.

From II: $A = C + 2 = B - 1$ and $A + B + C = 45$. Solving these, we can get the value of A.

31.5; From I: $C > B > D$ From II: $A > E > C$
Combining both, we get, $A > E > C > B > D$
Hence both statements together are necessary.

32. 4; From I, it can't be determined how many

girls are there behind Mita, and hence total no. of girls can't be found out. Hence II has no use.

33. 3; From I: R - PQ (Hence Q is immediate right of P.) From II: PQT (Hence Q is immediate right of P.)

34. 5; From I:

X P — Z

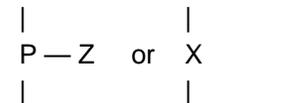
| |

Y Y

(i) (ii)

Combining (i) & (ii),

X P — Z



Y Y
(South-East) (North-East)
(A) (B)

From II: X

|
P

Now, using I & II together, 'A' will be valid.

35. 3; From I: P ⇔ Q(+) (P is mother of N)

|
(-) N — M(+)

From II: Q ⇔ P(-) (P is mother of N)
|
M(+)—N

36.3

37. 1 ; I: (1 6-04- 1 999) - 22 yrs. = 1 6-04- 1977

II: The D.O.B. of Sudha is not known.

38. 1; From I:

Sandeep = Sushila's brother's father-in-law's son = Sushila's brother's brother-in-law.

From II: Sushila may be the wife or sister-in-law of Sandeep. Hence, not definite.

39. 5; The exact date of foundation of the college can be known by using II and adding 25 years [using I] to that date.

40. 4; From I: Bell range at 7. 15 + 5 = 7.20 am
 From II: Both B and C reached the school before 7.20 am using I). But exact time or reaching can't be determined. Hence, comparison is not possible.

41. 1 From I: D B C
 A
 Hence, village 'C' is North-East of village 'A'.
 From II: A
 K
 P E

42. 4; No statements discuss about pension benefits.

43.4; From I : S > T > P, Q
 From II and using I : S > T > P, Q > R
 Hence either P or Q ranks third in terms of salary.

44.5; From I: J
 S(-) (-) R ↔ P(+)
 From II: Q(-)
 (-)S—R
 Using both I and II,
 we get, J(+) ↔ Q(-)

(-)S R(-) ↔ P(+)

Hence P is the son-in-law of Q.

45.4; From I : dem fu la pane = rose flower is beautiful... (i)
 la quiz = beautiful tree(ii)
 ∴ la = beautiful
 From II: dem fu chin = red rose flower(iii)
 pa chin = red tea (iv)
 From (i) & (iii), dem fu = rose flower
 But there we get stuck.

46.4; pat nic no ran = what is your name
 nic sa ran ja = my name is Shambhu
 'nic' and 'ran' is common in both sentences.

Hence 'nic' means 'is' or 'name'.

47.5; From I: L(-)—(-)N—M
 From II : K (-)
 |
 N(-)

Now, combining I and II, we get

K (-)
 |
 L(-) — N(-) — M(+)

K has two daughters.

48.4; From 1, S is either R's sister or brother-in-law. II is no help either.

49.4; From I: J(-)—M—K
 From II : K(+) — D
 Combining all, we get, J(-) — M — K(+)—D
 Hence, 'D' may be either brother or sister of J.

50.4

51.2; From I : C > B, E.
 From II: E > D, A..... (i) D > B, C..... (ii)
 From (i) and (ii), E is the tallest.

52.3; From I : K > T > R, M, Q
 Hence, 'K' is tallest among them.
 From II : K > R, T, M > Q
 Hence, 'K' is tallest among them.

53. 2; From II: (October + 12 + 2 =) December.
 Hence, Mohan was born in December.

54. 1;

55. 5; From I: P(+)—K—T
 From II: Q(-) ↔ M(+)

|
 T(-) Using I & II together, we set
 Q(-) ↔ M(+)
 |
 T(-) — K — P(+)
 Hence 'P' is son of 'M'.

56.4

57. 4; From I: ja na pit sod = beautiful bunch of flowers
 From II: na sod pa tok - huge bunch of twigs
 Even using I & II together, we can't determine the code of *pit*. It may be *beautiful* or *flowers*.

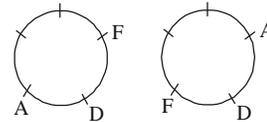
- 58.4; 59.3; 60.2; 61.5; 62.4; 63.4;
 64.3; Both the statements are independently sufficient. Statement I gives the side of the square, since side of a square = perimeter \div 4. Again, statement II gives information about the length of the side AB. If we have information about the length of the side of a square, we can easily find the area of the square by squaring the side.
- 65.4; Neither statements talk about the sex of M.
- 66.4; From statement I:
 Probable dates are: 8th or 9th May
 From statement II:
 Probable dates are: 6th, 7th, 8th or 9th May.
 From I and II together:
 Probable dates are: 8th or 9th May.
- 67.4; Neither statements talk about the sex of A.
- 68.1; Statement II gives information in terms of percentage. Hence II is not sufficient. But I is certainly sufficient.
- 69.4
- 70.3; Given: 'sin co bye' means 'He is good'
 From I: 'co mot def' means 'They are good'
 From II: 'sin mic bye' means "He is Honest"
 After a comparison between the given information and statement I we get 'co' is the code for 'good'. Similarly, after a comparison between the given information and statement II we get 'sin' and 'bye' as the codes for 'He' and 'is'. Thus 'co' is the code for 'good'.
- 71.2; From I : $(A + C) > B > (E + D)$
 We can't answer the question on the basis of statement I. We need some more information.
 From II : $C > A > (E + D)$
 And 'C' has the second position in descending order of their salaries. Hence B is the highest salary earner.
- 72.4; I alone is not sufficient because the word 'go' is absent in statement I. Statement II alone is not sufficient because there is no such indication by which we can find out code for 'go'. Note that you can't assume

that the codes used for words of the statement are in the same order as the words are. Now when we use the data given in both statement we can get code for 'may' only, ie 'pic'.

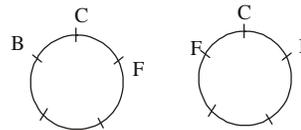
73. I; From I : $P, S > Q, T, V$
 Since none of them is the heaviest. Hence, R is the heaviest among them.

From II : $R > P > S$

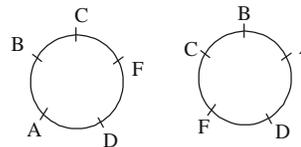
- 74.4; From I :



From II :

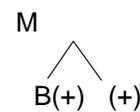


From I and II :

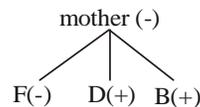


The person who is immediate right of B is either A or C.

75. 4; From I:



From II :



Both the statements I and II are not independently sufficient because statement I does not say about F and statement II does not say about M.

From statement I and II together, F is the daughter of M. But we don't know the sex of M.