

Sitting arrangement, Analytical reasoning, Statement & assumptions

Q1. A, B, C, D and E are sitting on a bench. A is sitting next to B, C is sitting next to D, D is not sitting with E who is on the left end of the bench. C is on the second position from the right. A is to the right of B and E. A and C are sitting together. In which position A is sitting ?

- (a) Between B and D (b) Between B and C (c) Between E and D (d) Between C and E

Directions for questions (2-5): Read the following information given below and answer the questions that follow :

Six friends - Sheldon, Jack, Justin, Bruce, Peter, and Nicholas are sitting around a circular table, not necessarily in the same order. All of them are facing the center.

- I. Peter is sitting exactly opposite to Jack.
II. Justin is the only person sitting between Bruce and Peter.
III. Sheldon is sitting to the immediate left of Jack.

Q2. Who among the following are not the immediate neighbours?

- (a) Bruce and Justin (b) Nicholas and Peter (c) Nicholas and Justin (d) Jack and Sheldon

Q3. Who is sitting second to the right of Peter?

- (a) Peter (b) Justin (c) Jack (d) Sheldon

Q4. Who is sitting to the opposite of Sheldon?

- (a) Bruce (b) Justin (c) Peter (d) Nicholas

Q5. Which of the following is false regarding the position of Jack?

- (a) Jack is sitting third of the left of Nicholas. (b) Jack is sitting second to the right of Nicholas.
(c) Jack is sitting between Bruce and Sheldon. (d) Jack is sitting to the immediate left of Bruce

Directions for questions (6-8): Read the following information given below and answer the questions that follow :

There were six participants - M, N, O, P, Q and R in the final of coffee making competitions. The six participants belong to six different locations - Delhi, Mumbai, New York, Paris, Tokyo and London. David, the judge of this competition, rated the coffee prepared by the participants on a scale of 1 to 10 giving a unique rating to each participant.

- I. R was from London.
II. Participants from New York got the highest ranking, but was not O.
III. Only two participants got ratings in even numbers.
IV. The rating of O was double the rating of Q.
V. N got the minimum rating and the rating was an even number.
VI. O got a higher rating than M.

Q6. What was the second highest rating given?

- (a) 7 (b) 8 (c) 9 (d) 6

Q7. Who belongs to New York?

- (a) P (b) Q (c) Cannot be determined (d) M

Q8. Which of the following statements is definitely true?

- (a) P got a rating of 10 (b) M got a rating of 5 (c) O belongs to Mumbai (d) Q belongs to Paris

Q9. Three friends of different ages and heights stand in a queue for a photograph. The photographer asks the youngest to stand to the right of Adam. The tallest stands in the extreme left. Barry does not stand in the center and he is not the youngest. Donald is not in the center too. All are facing the photographer. No person receives the same rank when put in the increasing order of both age and height. Now, who is the shortest?

- (a) Adam (b) Barry (c) Donald (d) Cannot be determined

Q10. There are six houses in a colony, such that 3 houses are in one row and the other 3 houses are in the opposite row. The three houses in a row are equidistant from each other. Each house is exactly opposite the house in the other row. Each house is painted with a different color from red, blue, green, yellow, pink and orange.

1. Houses at the corner are not painted with blue and red color
2. House painted with orange color is not opposite the house painted with green color
3. Yellow and pink colored houses are not in the same row Which house is diagonally opposite the orange colored house?

- (a) Green (b) Yellow (c) Pink (d) Blue

Directions for Questions (11-13): Read the given information carefully and answer the questions that follow. Eleven friends M, N, O, P, Q, R, S, T, U, V and W are sitting in the first row of the stadium watching a cricket match.

i. T is to the immediate left of P and third to the right of U.

ii. V is the immediate neighbour of M and N and third to the left of S.

iii. M is the second to the right of Q, who is at one of the ends.

iv. R is sitting next to the right of P and P is second to the right of O.

Q11. Who is sitting in the center of the row?

- A. N B. O C. S D. U

Q12. Which of the following people are sitting to the right of S?

- A. OTPQ B. OTPR C. UNVM D. UOTPR

Q13. Which of the following statements is true with respect to the above arrangement?

- A. There are three persons sitting between P and S B. W is between M and V.
C. N is sitting between V and U D. S and O are neighbours sitting to the immediate right of T

Directions for questions (14-18): There are five friends Sachin, Kunal, Mohit, Anuj and Rohan. Sachin is shorter than Kunal but taller than Rohan. Mohit is the tallest. Anuj is a little shorter than Kunal and a little taller than Sachin.

Q14. Who is taller than Anuj but shorter than Mohit?

- (1) Mohit (2) Kunal (3) Sachin (4) Rohan

Q15. Who is the shortest:

- (1) Rohan (2) Sachin (3) Anuj (4) NOTA

Q16. If they stand in order of their heights, who will be in the middle?

- (1) Rohan (2) Sachin (3) Anuj (4) NOTA

Q17. If they stand in order of increasing heights Who will be the second?

- (1) Rohan (2) Sachin (3) Anuj (4) NOTA

Q18. Who is second tallest?

- (1) Rohan (2) Sachin (3) Anuj (4) Kunal

Q19. There is a family of six-person P, Q, R, S, T, and U. They are Lawyers, Doctor, Teacher, Salesman, Engineer, and Accountant. There are two married couples in the family. S, the salesman is married to the Lady Teacher. The Doctor is married to the Lawyer U, The Accountant is the son of Q and brother of T. R, the Lawyer is the daughter-in-law of P. T is the unmarried Engineer. P is the Grandmother of U. Which is the profession of P?

- (a) Lawyer (b) Teacher (c) Doctor (d) Accountant

Directions for questions (20-24): Study the given information carefully and answer the given questions:

Eight people -A, B, C, D, E, F, G and H are sitting around a circular table facing the centre, not necessarily in the same order. Three people are sitting between A and D. B is sitting second to the right of A. C is to the immediate right of F. D is not an immediate neighbour of either F or E. H is not an immediate neighbour of B.

Q20. What is E's position with respect to G?

- (a) Third to the left (b) Second to the right (c) Third to the right
(d) Second to the left (e) Fifth to the right

Q21. Four of the following five are alike in a certain way, based on their seating positions in the above arrangement and so form a group. Which one does not belong to the group?

- (a) GE (b) DC (c) AF (d) AB (e) DB

Q22. Who is sitting third to the right of the one who is sitting to the immediate right of H?

- (a) A (b) B (c) E (d) C (e) G

Q23. Which of the following is true regarding the given arrangement ?

- (a) E is second to the left of C (b) B is an immediate neighbour of G
(c) H is an immediate neighbour of A (d) D is not an immediate neighbour of H
(e) None Of these

Q24. How many people are sitting between H and A when counted from the right side of H?

- (a) Three (b) None (c) More than three (d) One (e) Two

Direction for questions (25-34): In 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.

Q25. **Question:** 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.

- (a) I alone is sufficient while II alone is not sufficient
(b) II alone is sufficient while I alone is not sufficient
(c) Either I or II is sufficient (d) Neither I nor II is sufficient (e) Both I and II are sufficient

Q26. **Question:** 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.

- (a) I alone is sufficient while II alone is not sufficient
(b) II alone is sufficient while I alone is not sufficient
(c) Either I or II is sufficient (d) Neither I nor II is sufficient (e) Both I and II are sufficient

Q27. **Question:** On which day in April is Gautam's birthday?

Statements:

- I. Gautam was born exactly 28 years after his mother was born.
- II. His mother will be 55 years 4 months and 5 days on August 18 this year.

- (a) I alone is sufficient while II alone is not sufficient
(b) II alone is sufficient while I alone is not sufficient
(c) Either I or II is sufficient (d) Neither I nor II is sufficient (e) Both I and II are sufficient

Q28. **Question:** What is the code for 'is' in the code language ?

Statements:

- I. In the code language, 'shi tu ke' means 'pen is blue'.
- II. In the same code language, 'ke si re' means 'this is wonderful'.

- (a) I alone is sufficient while II alone is not sufficient
(b) II alone is sufficient while I alone is not sufficient
(c) Either I or II is sufficient (d) Neither I nor II is sufficient (e) Both I and II are sufficient

Q29. **Question:** Among A, B, C, D, E and F, who is the heaviest ?

Statements:

- I. A and D are heavier than B, E and F but none of them is the heaviest.
- II. A is heavier than D but lighter than C.

- (a) I alone is sufficient while II alone is not sufficient
(b) II alone is sufficient while I alone is not sufficient
(c) Either I or II is sufficient (d) Neither I nor II is sufficient (e) Both I and II are sufficient

Q30. **Question:** 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.

- (a) I alone is sufficient while II alone is not sufficient
(b) II alone is sufficient while I alone is not sufficient

(c) Either I or II is sufficient (d) Neither I nor II is sufficient (e) Both I and II are sufficient

Q31. **Question:** 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.

(a) I alone is sufficient while II alone is not sufficient
(b) II alone is sufficient while I alone is not sufficient
(c) Either I or II is sufficient (d) Neither I nor II is sufficient (e) Both I and II are sufficient

Q32. **Question:** Vinod's and Javed's salaries are in the proportion of 4 : 3 respectively. What is Vinod's salary ?

Statements:

- I. Javed's salary is 75% that of Vinod's salary.
- II. Javed's salary is Rs 4500.

(a) I alone is sufficient while II alone is not sufficient
(b) II alone is sufficient while I alone is not sufficient
(c) Either I or II is sufficient (d) Neither I nor II is sufficient (e) Both I and II are sufficient

Q33. **Question:** In a certain code, '13' means 'stop smoking' and '59' means 'injurious habit'. What do '9' and '5' mean respectively in that code ?

Statements:

- I. '157' means 'stop bad habit'.
- II. '839' means 'smoking is injurious'.

(a) I alone is sufficient while II alone is not sufficient
(b) II alone is sufficient while I alone is not sufficient
(c) Either I or II is sufficient (d) Neither I nor II is sufficient (e) Both I and II are sufficient

Q34. **Question:** Among Monika, Anita, Sonal, Ratna and Tanvy, who came last for the programme ?

Statements:

- I. Monika came after Anita but not after Tanvy.
- II. Ratna came after Tanvy but not after Sonal.

- (a) I alone is sufficient while II alone is not sufficient
(b) II alone is sufficient while I alone is not sufficient
(c) Either I or II is sufficient (d) Neither I nor II is sufficient (e) Both I and II are sufficient

Directions for questions (35-40): In each question below is given a statement followed by two conclusions numbered I and II. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

Q35. **Statements:** He stressed the need to stop the present examination system and its replacement by other methods which would measure the real merit of the students.

Conclusions:

1. Examinations should be abolished.
2. The present examination system does not measure the real merit of the students.

- (a) Only conclusion I follows (b) Only conclusion II follows (c) Either I or II follows
(d) Neither I nor II follows (e) Both I and II follow

Q36. **Statements:** Until our country achieves economic equality, political freedom and democracy would be meaningless.

Conclusions:

1. Political freedom and democracy go hand in hand.
2. Economic equality leads to real political freedom and democracy.

- (a) Only conclusion I follows (b) Only conclusion II follows (c) Either I or II follows
(d) Neither I nor II follows (e) Both I and II follow

Q37. **Statements:** Although we have rating agencies like Crisil, ICRA, there is demand to have a separate rating agency for IT companies to protect investors.

Conclusions:

1. Assessment of financial worth of IT companies calls for separate set of skills, insight and competencies.
2. Now the investors investing in IT companies will get protection of their investment.

- (a) Only conclusion I follows (b) Only conclusion II follows (c) Either I or II follows
(d) Neither I nor II follows (e) Both I and II follow

Q38. Statements: The standard of education in private schools is much better than Municipal and Zila Parishad-run schools.

Conclusions:

1. The Municipal and Zila Pariskad should make serious efforts to improve standard of their schools.
2. All Municipal and Zila Parishad schools should be closed immediately.

- (a) Only conclusion I follows (b) Only conclusion II follows (c) Either I or II follows
(d) Neither I nor II follows (e) Both I and II follow

Q39. Statements: Recent trends also indicate that the number of child migrants in large cities is increasing. These children leave their families to join the ranks of urban poor doing odd jobs in markets, workshops, hotels or in service sectors.

Conclusions:

1. Migration to big cities should be checked.
2. The plight of poor children should be thoroughly studied.

- (a) Only conclusion I follows (b) Only conclusion II follows (c) Either I or II follows
(d) Neither I nor II follows (e) Both I and II follow

Q40. Statements: The percentage of the national income shared by the top 10 per cent of households in India is 35.

Conclusions:

1. When an economy grows fast, concentration of wealth in certain pockets of population takes place.
2. The national income is unevenly distributed in India.

- (a) Only conclusion I follows (b) Only conclusion II follows (c) Either I or II follows
(d) Neither I nor II follows (e) Both I and II follow

Answer key

1	B	9	D	17	B	25	C	33	C
2	C	10	A	18	D	26	E	34	E
3	D	11	D	19	B	27	E	35	B
4	B	12	B	20	D	28	E	36	B
5	A	13	C	21	B	29	A	37	A
6	A	14	B	22	C	30	C	38	A
7	A	15	A	23	B	31	C	39	D
8	B	16	C	24	E	32	B	40	B