

CLASS WORK

Directions for Q1 to Q5: Eight friends Akil, Bima, Ezhil, Kaviya, Manoj, Jai, Kamal and Lalitha are sitting around a circular table facing the centre. All of them have a different profession Teacher, Engineer, Doctor, Advocate, Journalist, Judge, HR and Manager but not necessarily in the same order. Jai is third to the right of Kaviya, who is not HR and Manager. The one who is Judge is an immediate neighbour of Kamal and Ezhil. The one who is HR is second to the left of Jai, who is Advocate. The one who is Manager is opposite to Jai. Lalitha is not an immediate neighbour of either Ezhil or Jai but is third to the right of Bima. The persons who are Judge and Doctor sit opposite to each other. Lalitha is an Engineer. The one who is HR sits third to the left of the Doctor. The one who is Teacher and the one who is Manager are immediate neighbours. Akil is not a Teacher. Manoj is second to the right of Akil, who is an immediate neighbour of Jai and Lalitha.

- Which of the following is the profession of Bima?
(a) Engineer (b) Journalist
(c) HR (d) Doctor
- Who among the following is HR?
(a) Ezhil (b) Kamal
(c) Lalitha (d) Either Ezhil or Kamal
- If Kamal is third to the right of Manoj, then who among the following is immediate left of Bima?
(a) Jai (b) Manoj (c) Ezhil (d) Kamal
- Which of the following combinations is true?
(a) Bima-Judge (b) Manoj-Advocate
(c) Akil-Engineer (d) Kaviya-Judge
- Who sits between the Journalist and the Doctor?
(a) Advocate (b) Engineer
(c) Judge (d) Manager

Directions for Q6 to Q10: 12 People are sitting in 2 parallel rows containing 6 people each in such a way that there is an equal distance between adjacent persons. In row 1 – P, Q, R, S, T and V are seated and all of them are facing South. In row 2 – A, B, C, D, E and F are seated all of them are facing North. A sits 3rd to right of D. Neither A nor D sits at extreme ends. T faces D. V does not face A and V does not sit at any of the extreme ends. V is not an immediate neighbor of T. B sits at one of the extreme ends. Only 2 people sit between B and E. E does not face V. 2 persons sit between R and Q. R is not an immediate neighbor of T. C does not face V. P is not an immediate neighbor of R.

- Who among the following sits at extreme ends of the rows?
(a) C,A (b) P,R
(c) C,B (d) Both B and C

- How many persons are seated between T and S?
(a) 1 (b) 2
(c) 3 (d) More than 3
- Who among the following faces D?
(a) P (b) Q (c) T (d) S
- Who among the following sits between Q and S?
(a) V (b) R (c) P (d) T
- Which of the following statements is not true?
(a) Q sits between T and V.
(b) E is an immediate neighbour of D and F.
(c) F is immediate left of A.
(d) 2 people sit between T and R.

Directions for Q11 to Q15: An examination was held during the 2 weeks of April from 3rd Sunday to 16th Saturday. There was 1 paper each for the six subjects – Physics, Chemistry, Biology, Maths, English and Hindi. Only 1 paper was held per day.

No exam was held on Saturdays and Sundays and the Holiday on April 5th. Only 3 exams were there in a week. Chemistry was before Biology and Maths was on the next day of Hindi. The days on which the papers of Biology and Maths were held were the same, while those for Chemistry and Physics were also the same.

There was no exam for 3 days between Physics and the exam prior to it. Hindi exam was on Tuesday and there was one exam between Hindi and English exams. There was at least a gap of one day between any 2 science papers.

- Which of the following exam was held on April 12th?
(a) English (b) Hindi (c) Maths (d) Biology
- Which of the following exam was held on Monday?
(a) Chemistry
(b) Biology
(c) Physics
(d) Both Chemistry & Physics
- How many days were there between Biology and Hindi?
(a) 4 (b) 2 (c) 3 (d) 5
- Which of the following exam was held in the second week?
(a) Physics, Hindi, Maths
(b) Physics, English, Chemistry
(c) Biology and English only
(d) English and Chemistry only
- Which of the following was the last exam?
(a) English (b) Hindi
(c) Maths (d) Biology

Directions for Q16 to Q20: Eight friends Arun, Bala, Gokul, Vinoth, Rima, Gayu, Selvi and Deepika are made to sit in 2 rows with 4 members in each row. Arun, Gayu, Selvi, Deepika are facing South and sit in row 1. Bala, Gokul, Vinoth and Rima are facing North and sit in row 2. There are 2 doctors, 2 engineers, 2 judges and 2 teachers in the group. No 2 persons belonging to the same profession sit in the same row.

The Engineer of row 1 sits on the immediate right of Deepika. The doctor of row 2 faces the immediate neighbour of the engineer in row 1. Vinoth faces the immediate neighbour of Gayu, who is not an engineer. There is only 1 person between the judge and the teacher in both rows. The teacher of row 1 faces the engineer of row 2. Bala is not a judge. Gayu sits on immediate left of Deepika, Gokul is not the judge and he does not sit at any ends of the row. The judge of row 2 faces Arun. Vinoth is not an immediate neighbour of Rima.

16. Which of the following is a pair of Engineers?
(a) Deepika, Gokul (b) Arun, Vinoth
(c) Arun, Selvi (d) Bala, Gayu
17. Who among the following sits between Bala and Vinoth?
(a) Gokul (b) Rima (c) Gayu (d) Arun
18. Who among the following pairs sit at the ends of the row?
(a) Deepika, Gayu (b) Bala, Selvi
(c) Vinoth, Arun (d) Rima, Deepika
19. Who among the following sits opposite to Deepika?
(a) Judge (b) Teacher
(c) Doctor (d) Engineer
20. Which one of the following pairs does not belong to the group formed by the other three pairs?
(a) Gayu, Gokul (b) Selvi, Vinoth
(c) Arun, Rima (d) Arun, Vinoth

HOME ASSIGNMENT

Directions for Q1 to Q10: A, B, C, D, E, F and G live on seven different floors of a building. The lower most floor of the building is no.1, then the floor above is no.2 and so on. Each likes a different subject such as English, Hindi, Science, Social Science, Chemistry, Physics and Computer Science.

A lives on an odd numbered floor but not on the floor no.3. The one who likes Chemistry lives immediately above A. Only 2 people live between D and the one who likes Chemistry.

The one who likes Hindi lives on an odd numbered floor above D. Only 3 people live between C and the person who likes Hindi. The one who likes Science lives immediately above C.

The person who likes English lives immediately above the one who likes Computer Science. G lives on one of the odd numbered floors. Only 1 person lives between B and E. B lives on one of the

floors above E. Neither B nor A likes Social Science. E does not like Science.

1. Who among the following lives on the floor no.2?
(a) D (b) F (c) B (d) C
2. Which of the following subjects B likes?
(a) Physics (b) Science (c) Chemistry (d) Hindi
3. Which of the following combination is true with respect to given arrangement?
(a) 1-Chemistry (b) 3-English
(c) 5-Science (d) 7-Social science
4. If all the people are arranged to stay in alphabetical order from bottom to top floor, the position of how many persons remains unchanged?
(a) None (b) One (c) Two (d) Three
5. Who lives below A?
(a) E (b) F (c) B (d) C
6. Who lives above Computer Science?
(a) Chemistry (b) English
(c) Hindi (d) Science
7. Which of the following combinations is true with respect to the given arrangement?
(a) 1-B (b) 3-G (c) 5-A (d) 7-C
8. How many persons live between B and F?
(a) Two (b) Three (c) Four (d) Five
9. If the position of A and B are interchanged and B and C are interchanged and so on, who lives on the third floor?
(a) G (b) A (c) B (d) C
10. Who lives between Chemistry and English?
(a) A (b) B (c) G (d) D

ANSWER KEY

1. (b) 2. (c) 3. (d) 4. (b) 5. (a)
6. (b) 7. (c) 8. (b) 9. (d) 10. (a)