SEATING ARRANGEMENT - LINEAR

- KOUSTAV

CONCEPT

A is two places to the right of B.

1. A ___ B

2. A ___ ___ B

3. B ___ A

4. B ___ ___ A

There are two persons between X & Y.

P is adjacent to Q.

Q1. Seven friends – Leonard, Sheldon, Howard, Penny, Bernadette, Raj and Amy are sitting in a row. Sheldon sits to the immediate left of Howard and third to the right of Leonard, whereas Penny who sits at the extreme left, is next to Amy.

1. Who is sitting to the immediate right of Sheldon?
     A. Penny   B. Amy   C. Bernadette   D. Howard

2. If Howard and Amy exchange places with each other without changing the rest of the arrangement that is already done, who will be sitting to the immediate left of Leonard?
     A. Amy   B. Raj   C. Bernadette   D. Howard

3. If only Sheldon sits between Raj and Howard, who is exactly in the middle of all of them?
     A. Raj   B. Howard   C. Bernadette   D. Leonard

4. After arranging all of them as per the given conditions given in the data, if Leonard now exchanges his place with Penny, and Howard exchanges his position with Bernadette, then how many persons will be there in between Bernadette and Leonard?
     A. Three   B. Two   C. Five   D. Seven

Q1. Seven friends – Leonard, Sheldon, Howard, Penny, Bernadette, Raj and Amy are sitting in a row. Sheldon sits to the immediate left of Howard and third to the right of Leonard, whereas Penny who sits at the extreme left, is next to Amy.

1. Who is sitting to the immediate right of Sheldon?
   A. Penny   B. Amy   C. Bernadette   D. Howard

2. If Howard and Amy exchange places with each other without changing the rest of the arrangement that is already done, who will be sitting to the immediate left of Leonard?
   A. Amy   B. Raj   C. Bernadette   D. Howard

Q1. Seven friends – Leonard, Sheldon, Howard, Penny, Bernadette, Raj and Amy are sitting in a row. Sheldon sits to the immediate left of Howard and third to the right of Leonard, whereas Penny who sits at the extreme left, is next to Amy.

3. If only Sheldon sits between Raj and Howard, who is exactly in the middle of all of them?

    A. Raj   B. Howard   C. Bernadette   D. Leonard

4. After arranging all of them as per the given conditions given in the data, if Leonard now exchanges his place with Penny, and Howard exchanges his position with Bernadette, then how many persons will be there in between Bernadette and Leonard?

    A. Three   B. Two   C. Five   D. Seven

Q2. Six people Alpana, Brahma, Chethan, Drona, Ena, and Fanna are sitting in a row. Alpana and Fanna are sitting adjacent to each other. Chethan is two places to the right of Ena and neither of them is sitting at the extreme ends. There is one person sitting between Alpana and Brahma. Who is sitting to the immediate right of Ena?

A. Alpana   B. Fanna   C. Drona   D. Brahma

Q3. Five people – Tony, Steve, Bruce, Clint and Natasha are sitting in a row facing the same direction. There are at least two people sitting between Tony and Natasha. There is at most one person sitting in between Steve and Clint. If Clint is sitting to the immediate right of Bruce, who is adjacent to Tony, which of the following is true?

A. Tony is sitting at the extreme right.
B. Natasha and Clint are adjacent to each other.
C. Natasha is sitting in between Clint and Tony.
D. Natasha and Steve are adjacent to each other.

Q4. Six buildings of different colors red, yellow, white, blue, green and orange are in a row. Each of these buildings belong to a different person among Shah Rukh Khan, Salman Khan, Aamir Khan, Imran Khan, Saif Ali Khan and Ranbir Kapoor. Following is the information known about them.

I. Green building is three places to the right of Shah Rukh Khan's building.

II. Red building is three places to the right of Salman Khan's building.

III. White building is three places to the right of Ranbir Kapoor's building.

IV. Aamir Khan's building is adjacent to the orange building.

V. Imran Khan's building is not green and Salman Khan's building is not blue.

VI. Saif Ali Khan's building is not adjacent to Aamir Khan's building but three places away from Ranbir Kapoor's building.

1. What is the color of Shah Rukh Khan's building?

    A. Blue   B. Yellow   C. Green   D. Red

2. The red building belongs to _____?

    A. Aamir Khan   B. Imran Khan   C. Saif Ali Khan   D. Shah Rukh Khan

3. Which of the following is true?

    A. There is at least one building between green and orange colored building.

    B. Ranbir Kapoor's building is to the left of Salman Khan's building.

    C. Ranbir Kapoor's and Salman Khan's buildings are not adjacent.

    D. Imran Khan's building is to the right of Salman Khan's building.

Q4. Six buildings of different colors red, yellow, white, blue, green and orange are in a row. Each of these buildings belong to a different person among Shah Rukh Khan, Salman Khan, Aamir Khan, Imran Khan, Saif Ali Khan and Ranbir Kapoor. Following is the information known about them.

I. Green building is three places to the right of Shah Rukh Khan's building.

II. Red building is three places to the right of Salman Khan's building.

III. White building is three places to the right of Ranbir Kapoor's building.

IV. Aamir Khan's building is adjacent to the orange building.

V. Imran Khan's building is not green and Salman Khan's building is not blue.

VI. Saif Ali Khan's building is not adjacent to Aamir Khan's building but three places away from Ranbir Kapoor's building.

1. What is the color of Shah Rukh Khan's building?

A. Blue	B. Yellow	C. Green	D. Red

Q4. Six buildings of different colors red, yellow, white, blue, green and orange are in a row. Each of these buildings belong to a different person among Shah Rukh Khan, Salman Khan, Aamir Khan, Imran Khan, Saif Ali Khan and Ranbir Kapoor. Following is the information known about them.

I. Green building is three places to the right of Shah Rukh Khan's building.

II. Red building is three places to the right of Salman Khan's building.

III. White building is three places to the right of Ranbir Kapoor's building.

IV. Aamir Khan's building is adjacent to the orange building.

V. Imran Khan's building is not green and Salman Khan's building is not blue.

VI. Saif Ali Khan's building is not adjacent to Aamir Khan's building but three places away from Ranbir Kapoor's building.

2. The red building belongs to _____?

A. Aamir Khan   B. Imran Khan   C. Saif Ali Khan   D. Shah Rukh Khan

Q4. Six buildings of different colors red, yellow, white, blue, green and orange are in a row. Each of these buildings belong to a different person among Shah Rukh Khan, Salman Khan, Aamir Khan, Imran Khan, Saif Ali Khan and Ranbir Kapoor. Following is the information known about them.

I. Green building is three places to the right of Shah Rukh Khan's building.

II. Red building is three places to the right of Salman Khan's building.

III. White building is three places to the right of Ranbir Kapoor's building.

IV. Aamir Khan's building is adjacent to the orange building.

V. Imran Khan's building is not green and Salman Khan's building is not blue.

VI. Saif Ali Khan's building is not adjacent to Aamir Khan's building but three places away from Ranbir Kapoor's building.

3. Which of the following is true?

      A. There is at least one building between green and orange colored building.

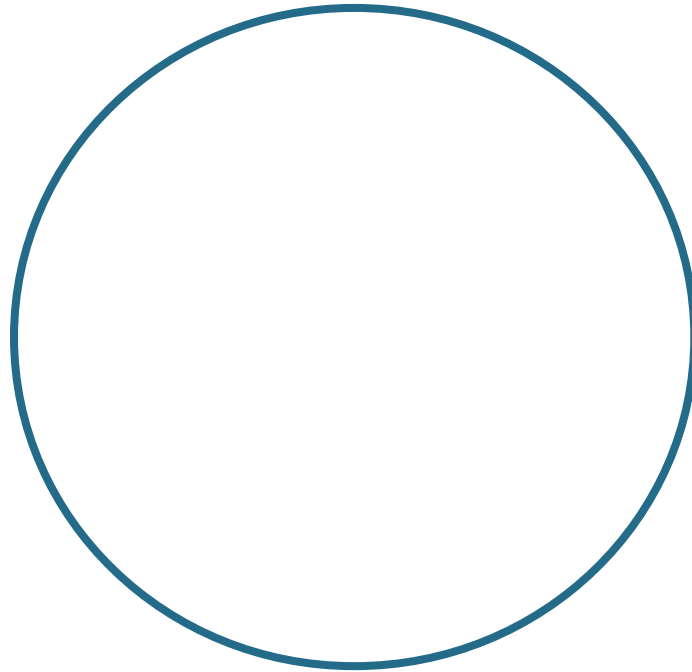   B. Ranbir Kapoor's building is to the left of Salman Khan's building.

      C. Ranbir Kapoor's and Salman Khan's buildings are not adjacent.

      D. Imran Khan's building is to the right of Salman Khan's building.

SEATING ARRANGEMENT - CIRCULAR

- KOUSTAV

CONCEPT

Q1. There are 10 people consisting of a teacher, a lawyer, a doctor, a scientist, a taxi driver, a physicist, two HRs, two software engineers, sitting around a circular table. Teacher sits opposite to the lawyer. The scientist and doctor sit opposite to each other. The two HRs sits opposite to each other with one of them sitting to the immediate left of the scientist. The teacher sits to the immediate right of the scientist.

1. If two software engineers sit opposite to each other but neither of them is to the immediate next to any of the HRs, who sits to the immediate right of the teacher?

        A. Scientist   B. Taxi driver   C. HR   D. Software engineer

2. If the taxi driver and the physicist do not sit opposite to each other, then which of the following must be TRUE?

        A. The software engineer cannot sit beside the lawyer.
        B. One of the software engineers is next to an HR.
        C. The teacher cannot have the scientist and a software engineer on his either side.
        D. The software engineers must sit next to each other.

3. If the taxi driver and the physicist have HRs as their immediate neighbours then which of the following is definitely FALSE?

        A. The two software engineers are opposite to each other.
        B. A software engineer is an immediate neighbour of the scientist.
        C. The taxi driver is next to a software engineer.
        D. A software engineer is an immediate neighbour of the lawyer.

4. If a software engineer is the immediate neighbour of an HR and the taxi driver is the immediate neighbour of the lawyer, how many different kinds of seating arrangements are possible?

        A. Two   B. Six   C. Sixteen   D. Three

5. The maximum number of people you can count, starting from the scientist and ending at the first HR you see, is

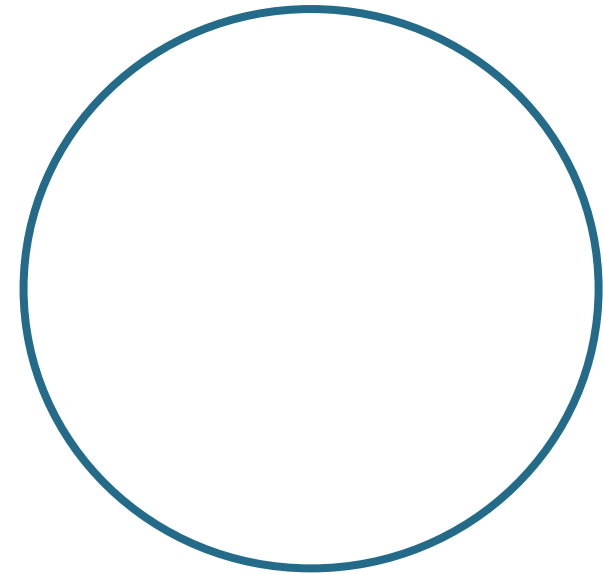   A. Zero   B. Eight   C. Five   D. Six

Q1. There are 10 people consisting of a teacher, a lawyer, a doctor, a scientist, a taxi driver, a physicist, two HRs, two software engineers, sitting around a circular table. Teacher sits opposite to the lawyer. The scientist and doctor sit opposite to each other. The two HRs sits opposite to each other with one of them sitting to the immediate left of the scientist. The teacher sits to the immediate right of the scientist.

1. If two software engineers sit opposite to each other but neither of them is to the immediate next to any of the HRs, who sits to the immediate right of the teacher?

A. Scientist
B. Taxi driver
C. HR
D. Software engineer

2. If the taxi driver and the physicist do not sit opposite to each other, then which of the following must be TRUE?

A. The software engineer cannot sit beside the lawyer.
B. One of the software engineers is next to an HR.
C. The teacher cannot have the scientist and a software engineer on his either side.
D. The software engineers must sit next to each other.

Q1. There are 10 people consisting of a teacher, a lawyer, a doctor, a scientist, a taxi driver, a physicist, two HRs, two software engineers, sitting around a circular table. Teacher sits opposite to the lawyer. The scientist and doctor sit opposite to each other. The two HRs sits opposite to each other with one of them sitting to the immediate left of the scientist. The teacher sits to the immediate right of the scientist.

3. If the taxi driver and the physicist have HRs as their immediate neighbours then which of the following is definitely **FALSE?**
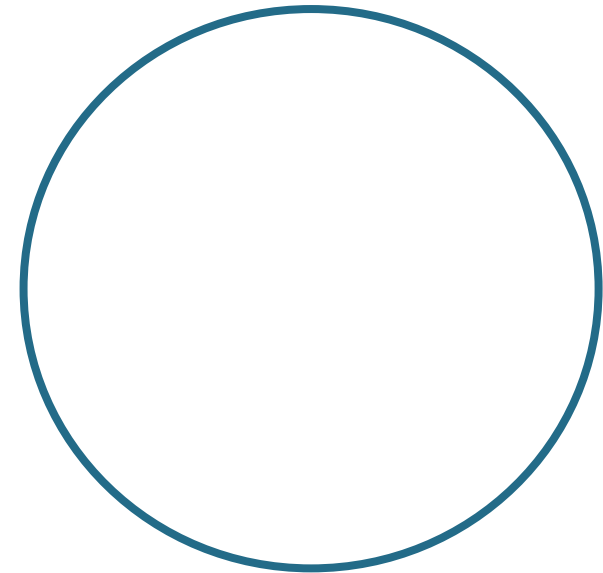
A. The two software engineers are opposite to each other.
B. A software engineer is an immediate neighbour of the scientist.
C. The taxi driver is next to a software engineer.
D. A software engineer is an immediate neighbour of the lawyer.

4. If a software engineer is the immediate neighbour of an HR and the taxi driver is the immediate neighbour of the lawyer, how many different kinds of seating arrangements are possible?

A. 2   B. 6   C. 16   D. 3

5. The maximum number of people you can count, starting from the scientist and ending at the first HR you see, is

A. 0   B. 8   C. 5   D. 6

Q2. Six friends P, Q, R, S, T and U are sitting around a hexagonal table each at one corner and facing outward. P is second to the left of U. Q is the neighbour of R and S.T is second to the left of S.

1. Which one is sitting opposite to P?
A. R   B. Q   C. T   D. S

2. Who is the fourth person to the left of Q?
A. P   B. U   C. R   D. Data inadequate

3. Which of the following are the neighbours of P?
A. U and P   B. T and R   C. U and R   D. Data inadequate

4. Which one is sitting opposite to T?
A. R   B. Q   C. S   D. Can't be determined

Q2. Six friends P, Q, R, S, T and U are sitting around a hexagonal table each at one corner and facing outward. P is second to the left of U. Q is the neighbour of R and S. T is second to the left of S.

1. Which one is sitting opposite to P?
A. R   B. Q   C. T   D. S

2. Who is the fourth person to the left of Q?
A. P   B. U   C. R   D. Data inadequate

Q2. Six friends P, Q, R, S, T and U are sitting around a hexagonal table each at one corner and facing outward. P is second to the left of U. Q is the neighbour of R and S. T is second to the left of S.

3. Which of the following are the neighbours of P?

A. U and P   B. T and R   C. U and R   D. Data inadequate

4. Which one is sitting opposite to T?

A. R   B. Q   C. S   D. Can't be determined

Q3. Six dishes **A** to **F** are arranged on a circular table, among which two are starters, two are main courses and two are desserts. **A** is adjacent to **F**, **C** is not adjacent to either **B** or **E**. **D** is a main course and is adjacent to desserts. Both the starters are adjacent to each other. **A** is opposite a dessert which is not **B**.

1. Which dish is opposite to E?

A. A   B. B   C. C   D. D

2. Which of the following is the correct combination?

A. B-dessert   B. F-main course   C. F-starter   D. B-starter

3. Which of the following is true?

A. One of the desserts is opposite to a main course.
B. A main course is opposite a starter.
C. A is a starter.
D. More than one.

4. Which dishes are adjacent to B?

A. A and C   B. D and F   C. E and A   D. E and F

Q3. Six dishes A to F are arranged on a circular table, among which two are starters, two are main courses and two are desserts. A is adjacent to F, C is not adjacent to either B or E. D is a main course and is adjacent to desserts. Both the starters are adjacent to each other. A is opposite a dessert which is not B.
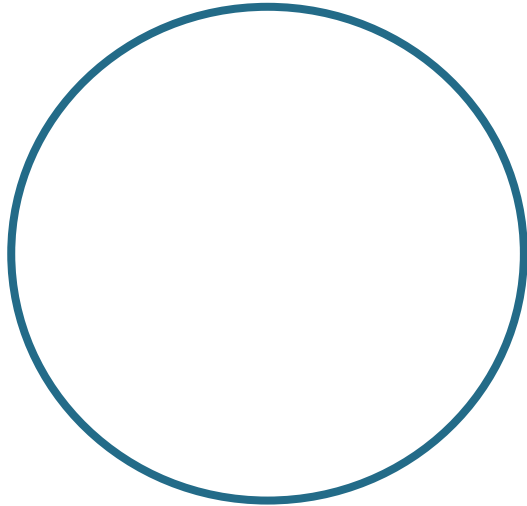
1. Which dish is opposite to E?

A. A   B. B
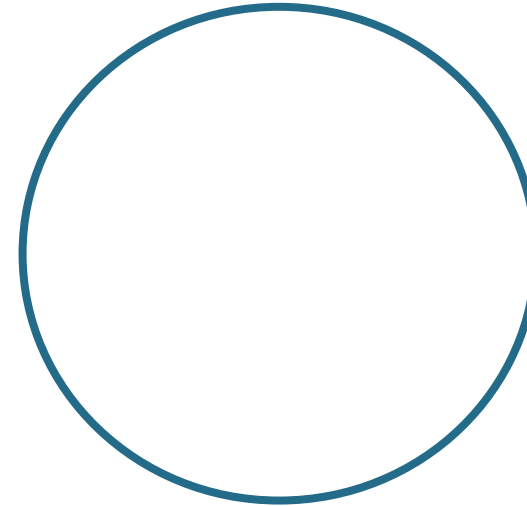
C. C   D. D

2. Which of the following is the correct combination?

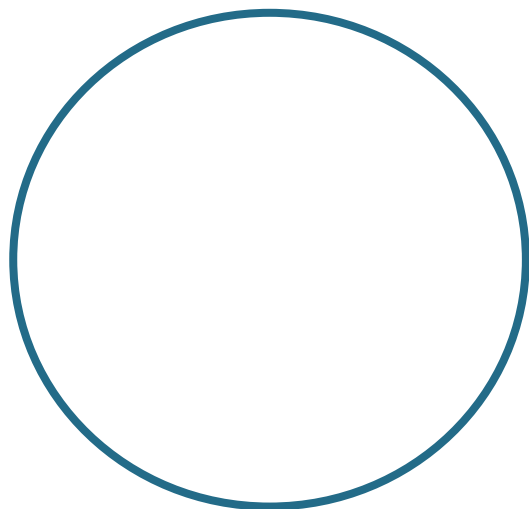A. B-dessert   B. F-main course

C. F-starter   D. B-starter

Q3. Six dishes A to F are arranged on a circular table, among which two are starters, two are main courses and two are desserts. A is adjacent to F, C is not adjacent to either B or E. D is a main course and is adjacent to desserts. Both the starters are adjacent to each other. A is opposite a dessert which is not B.
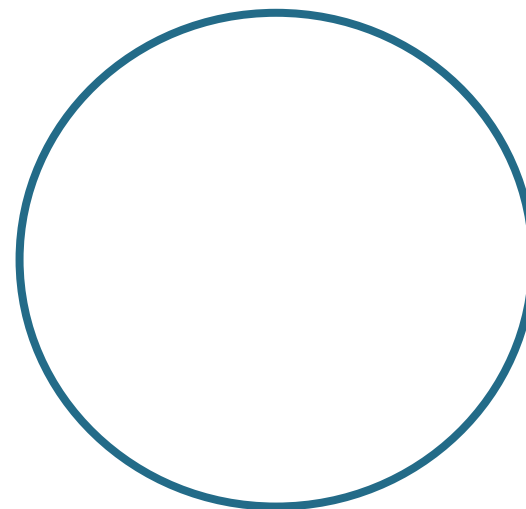
3. Which of the following is true?

A. One of the desserts is opposite to a main course.

B. A main course is opposite a starter.

C. A is a starter.

D. More than one.

4. Which dishes are adjacent to B?

A. A and C   B. D and F

C. E and A   D. E and F

EXTRA QUESTIONS:

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. B is not adjacent to C who is on the second position from the right. In which position is A sitting?

A. Between B and D   B. Between B and C   C. Between E and B   D. Between C and E

Q2. In an exhibition seven cars of different companies - Cadillac, Ambassador, Fiat, Maruti, Mercedes, Bedford and Fargo are standing facing east. Cadillac is next to right of Fargo. Fargo is fourth to the right of Fiat. Maruti car is between Ambassador and Bedford. Fiat is at one end.

1. Which of the cars are on both the sides of the Cadillac?
    A. Ambassador and Maruti   B. Maruti and Fiat
    C. Fargo and Mercedes   D. Ambassador and Fargo

2. Which of the following statements can be correct?
    A. Maruti is next left of the Ambassador.   B. Bedford is next left of Fiat.
    C. Bedford is at one end.   D. Fiat is next second to the right of Maruti.

EXTRA QUESTIONS:

Q3. Seven people –Amol, Bimal, Komal, Tamal, Kajol, Gopal and Mrinal were standing in a queue, not necessarily in the same order.
    I. Gopal is standing in front of only one person that is Mrinal.
    II. Kajol is the only person standing in front of Tamal.
    III. Komal is standing immediately in front of Bimal.

1. If Tamal and Komal are adjacent to each other, then what is the position of Amol in the queue?
    A. Fourth   B. Fifth   C. Third   D. Sixth

2. Who are/is definitely standing between Bimal and Tamal?
    A. Komal and Amol   B. Gopal and Amol   C. Komal   D. Amol

3. Who is standing immediately behind Amol?
    A. Gopal   B. Bimal   C. Komal   D. Can't be determined.

Q4. At a buffet, six sweets are in a circular order on a table. Burfi is opposite to Kova. There is one sweet between Laddu and Badam halwa. Gulab jamoon is to immediate right of Kova. Rasmalai is one of the sweets. Which sweet is two places away to the left of Gulab jamoon?
    A. Laddu   B. Badam halwa   C. Rasmalai   D. A or B

Q5. Six girls are sitting in a circle facing to the centre of the circle. They are P, Q, R, S, T and V. T is not the one between Q and S, but someone else is. P is next to the left of V. R is 4th to the right of P.

1. Which of the following statements is not true?

A. S is just next to the right to R

B. T is just next to the right of V

C. R is second to the left of T

D. P is second to the right of R

2. If P and R interchange their positions then which of the following pairs will sit together?

A. RT

B. PV

C. VR

D. QV

3. What is the position of T?

A. Just next to the right of Q

B. Second to the left of P

C. Between Q and R

D. To the immediate right of V

ANSWER KEY – SEATING ARRANGEMENT

Linear Arrangement		Circular Arrangement				Extra Questions	
QUESTION	ANSWER	QUESTION	ANSWER	QUESTION	ANSWER	QUESTION	ANSWER
Q1. 1	D	Q1. 1	D	Q3. 1	A	Q1	B
Q1. 2	D	Q1. 2	B	Q3. 2	C	Q2. 1	C
Q1. 3	C	Q1. 3	B	Q3. 3	D	Q2. 2	A
Q1. 4	C	Q1. 4	B	Q3. 4	D	Q3. 1	B
Q2	D	Q1. 5	C			Q3. 2	C
Q3	D	Q2. 1	D			Q3. 3	D
Q4. 1	A	Q2. 2	A			Q4	C
Q4. 2	B	Q2. 3	B			Q5. 1	C
Q4. 3	D	Q2. 4	B			Q5. 2	C
						Q5. 3	D