

Direction:

**Study the following information and answer the questions given below:**

Seven persons have interview in a company on different days of the week from Monday to Sunday. They also like different flowers. The one who likes Lily, have interview after the one who likes Rose. S likes Lily. Q goes immediate before O. The one who likes Sunflower, goes on Thursday. R likes Jasmine and goes on Tuesday. The one who likes Lotus, goes on Monday. P goes before N. There are three days gap between R and M. There is one day gap between the days on which the ones who like Sunflower and Tulip have interview. The one who likes Marigold, goes after the one who likes Tulip.

- Question No. 1

On which of the following days S has interview?

Options :

1. Monday
2. Sunday
3. Thursday
4. Friday
5. Tuesday

Answer : Friday

Direction:

**Study the following information and answer the questions given below:**

Seven persons have interview in a company on different days of the week from Monday to Sunday. They also like different flowers. The one who likes Lily, have interview after the one who likes Rose. S likes Lily. Q goes immediate before O. The one who likes Sunflower, goes on Thursday. R likes Jasmine and goes on Tuesday. The one who likes Lotus, goes on Monday. P goes before N. There are three days gap between R and M. There is one day gap between the days on which the ones who like Sunflower and Tulip have interview. The one who likes Marigold, goes after the one who likes Tulip.

- Question No. 2

How many students have interview between Q and N?

**Options :**

1. Two
2. Three
3. Four
4. Five
5. One

Answer : Three

Direction:

**Study the following information and answer the questions given below:**

Seven persons have interview in a company on different days of the week from Monday to Sunday. They also like different flowers. The one who likes Lily, have interview after the one who likes Rose. S likes Lily. Q goes immediate before O. The one who likes Sunflower, goes on Thursday. R likes Jasmine and goes on Tuesday. The one who likes Lotus, goes on Monday. P goes before N. There are three days gap between R and M. There is one day gap between the days on which the ones who like Sunflower and Tulip have interview. The one who likes Marigold, goes after the one who likes Tulip.

- Question No.3

Who among the following have interview on Wednesday?

**Options :**

1. O
2. Q
3. R
4. M
5. N

Answer : Q

Direction:

**Study the following information and answer the questions given below:**

Seven persons have interview in a company on different days of the week from Monday to Sunday. They also like different flowers. The one who likes Lily, have interview after the one who likes Rose. S likes Lily. Q goes immediate before O. The one who likes Sunflower, goes on Thursday. R likes Jasmine and goes on Tuesday. The one who likes Lotus, goes on Monday. P goes before N. There are three days gap between R and M. There is one day gap between the days on which the ones who like Sunflower and Tulip have interview. The one who likes Marigold, goes after the one who likes Tulip.

- Question No. 4

On which of the following days N has interview?

**Options :**

1. Monday
2. Sunday
3. Thursday
4. Friday
5. Tuesday

Answer : Sunday

Direction:

**Study the following information and answer the questions given below:**

Seven persons have interview in a company on different days of the week from Monday to Sunday. They also like different flowers. The one who likes Lily, have interview after the one who likes Rose. S likes Lily. Q goes immediate before O. The one who likes Sunflower, goes on Thursday. R likes Jasmine and goes on Tuesday. The one who likes Lotus, goes on Monday. P goes before N. There are three days gap between R and M. There is one day gap between the days on which the ones who like Sunflower and Tulip have interview. The one who likes Marigold, goes after the one who likes Tulip.

- Question No. 5

Which of the following flower does M like?

**Options :**

1. Sunflower
2. Tulip
3. Rose
4. Jasmine
5. Lotus

Answer : Tulip

Direction:

**Read the directions carefully and answer the following question.**

Deepti, Smita, Preeti, Priyanka, Akshara, Shikha, Deepali, and Aastha live in an eight floored building, however not necessarily in the same order. There are two types of Flats A and Flat B in the building in such a manner that each flat contains four floors. The bottommost floor is numbered 1 and the topmost floor is numbered 4, Flat A is to the west of Flat B.

**Note:** If a person lives one/two/three floors above or below the other person then, they must be living in the same type of flat unless stated otherwise. If a person is living adjacent to the other person, then they must be living on the same floor but in different types of flats. Only one person lives on each floor.

Smita lives two floors above Akshara. Deepali lives one floor below Akshara but in different types of flat. Preeti and Priyanka live adjacent to each other. Aastha lives in the floor immediate below in which Priyanka lives and in the same flat. Deepti and Aastha doesn't live in the same flat. Shikha doesn't live in flat A.

- Question No. 6

Equal number of people live below Preeti as above whom among the following?

**Options :**

1. Aastha
2. Priyanka
3. Deepali
4. Smita
5. Deepti

Answer : Aastha

Direction:

**Read the directions carefully and answer the following question.**

Deepti, Smita, Preeti, Priyanka, Akshara, Shikha, Deepali, and Aastha live in an eight floored building, however not necessarily in the same order. There are two types of Flats A and Flat B in the building in such a manner that each flat contains four floors. The bottommost floor is numbered 1 and the topmost floor is numbered 4, Flat A is to the west of Flat B.

**Note:** If a person lives one/two/three floors above or below the other person then, they must be living in the same type of flat unless stated otherwise. If a person is living adjacent to the other person, then they must be living on the same floor but in different types of flats. Only one person lives on each floor.

Smita lives two floors above Akshara. Deepali lives one floor below Akshara but in different types of flat. Preeti and Priyanka live adjacent to each other. Aastha lives in the floor immediate below in which Priyanka lives and in the same flat. Deepti and Aastha doesn't live in the same flat. Shikha doesn't live in flat A.

- Question No. 7

Find the **odd** one out.

**Options :**

1. Preeti
2. Deepti
3. Smita
4. Priyanka
5. Deepali

Answer : Smita

Direction:

**Read the directions carefully and answer the following question.**

Deepti, Smita, Preeti, Priyanka, Akshara, Shikha, Deepali, and Aastha live in an eight floored building, however not necessarily in the same order. There are two types of Flats A and Flat B in the building in such a manner that each flat contains four floors. The bottommost floor is numbered 1 and the topmost floor is numbered 4, Flat A is to the west of Flat B.

**Note:** If a person lives one/two/three floors above or below the other person then, they must be living in the same type of flat unless stated otherwise. If a person is living adjacent to the other person, then they must be living on the same floor but in different types of flats. Only one person lives on each floor.

Smita lives two floors above Akshara. Deepali lives one floor below Akshara but in different types of flat. Preeti and Priyanka live adjacent to each other. Aastha lives in the floor immediate below in which Priyanka lives and in the same flat. Deepti and Aastha doesn't live in the same flat. Shikha doesn't live in flat A.

• Question No. 8

Find the **odd** pair out.

**Options :**

1. Deepali – Deepti
2. Akshara – Aastha
3. Priyanka – Preeti
4. Shikha – Priyanka
5. Smita – Shikha

Answer : Shikha – Priyanka

Direction:

**Read the directions carefully and answer the following question.**

Deepti, Smita, Preeti, Priyanka, Akshara, Shikha, Deepali, and Aastha live in an eight floored building, however not necessarily in the same order. There are two types of Flats A and Flat B in the building in such a manner that each flat contains four floors. The bottommost floor is numbered 1 and the topmost floor is numbered 4, Flat A is to the west of Flat B.

**Note:** If a person lives one/two/three floors above or below the other person then, they must be living in the same type of flat unless stated otherwise. If a person is living adjacent to the other person, then they must be living on the same floor but in different types of flats. Only one person lives on each floor.

Smita lives two floors above Akshara. Deepali lives one floor below Akshara but in different types of flat. Preeti and Priyanka live adjacent to each other. Aastha lives in the floor immediate below in which Priyanka lives and in the same flat. Deepti and Aastha doesn't live in the same flat. Shikha doesn't live in flat A.

• Question No. 9

How many floors are between floor in which Smita lives and Deepali lives?

**Options :**

1. One
2. Two
3. Three
4. Four
5. Five

Answer : Two

Direction:

**Read the directions carefully and answer the following question.**

Deepti, Smita, Preeti, Priyanka, Akshara, Shikha, Deepali, and Aastha live in an eight floored building, however not necessarily in the same order. There are two types of Flats A and Flat B in the building in such a manner that each flat contains four floors. The bottommost floor is numbered 1 and the topmost floor is numbered 4, Flat A is to the west of Flat B.

**Note:** If a person lives one/two/three floors above or below the other person then, they must be living in the same type of flat unless stated otherwise. If a person is living adjacent to the other person, then they must be living on the same floor but in different types of flats. Only one person lives on each floor.

Smita lives two floors above Akshara. Deepali lives one floor below Akshara but in different types of flat. Preeti and Priyanka live adjacent to each other. Aastha lives in the floor immediate below in which Priyanka lives and in the same flat. Deepti and Aastha doesn't live in the same flat. Shikha doesn't live in flat A.

• Question No. 10

Who among the following lives adjacent to Deepali?

**Options :**

1. Aastha

2. Deepti
3. Akshara
4. Smita
5. Shikha

Answer : Deepti

Direction:

**Answer the question based on the information given below:**

Eight friends L, M, N, O, P, Q, R and S sit around a circular table. Four of them are facing towards the centre while others are facing outside. Not more than two adjacent persons are facing the same direction. One person sits between L and S. L sits opposite to O such that both are facing opposite direction. Three people sit between Q and M such that both are facing same direction. N does not face outside. S and R are facing the same direction. Immediate neighbors of L are facing opposite direction. R sits immediate right of M. N is not adjacent to R. Q sits immediate right of L.

- Question No. 11

Who is sitting third to the left of R?

**Options :**

1. L
2. Q
3. S
4. N
5. M

Answer : Q

Direction:

**Answer the question based on the information given below:**

Eight friends L, M, N, O, P, Q, R and S sit around a circular table. Four of them are facing towards the centre while others are facing outside. Not more than two adjacent persons are facing the same direction. One person sits between L and S. L sits opposite to O such that both are facing opposite direction. Three people sit between Q and M such that both are facing same direction. N does not face outside. S and R are facing the same direction.



Immediate neighbors of L are facing opposite direction. R sits immediate right of M. N is not adjacent to R. Q sits immediate right of L.

• Question No. 12

Four of the following five are alike in a certain way and form a group. Which one does not belong to that group?

**Options :**

1. L
2. M
3. R
4. Q
5. N

Answer : R

Direction:

**Answer the question based on the information given below:**

Eight friends L, M, N, O, P, Q, R and S sit around a circular table. Four of them are facing towards the centre while others are facing outside. Not more than two adjacent persons are facing the same direction. One person sits between L and S. L sits opposite to O such that both are facing opposite direction. Three people sit between Q and M such that both are facing same direction. N does not face outside. S and R are facing the same direction.

Immediate neighbors of L are facing opposite direction. R sits immediate right of M. N is not adjacent to R. Q sits immediate right of L.

• Question No. 13

R sits \_\_\_ to the \_\_\_ of N.

**Options :**

1. Fifth, right
2. Third, left
3. Third, right
4. Fourth, left

5. Fourth, right

Answer : Third, right

Direction:

**Answer the question based on the information given below:**

Eight friends L, M, N, O, P, Q, R and S sit around a circular table. Four of them are facing towards the centre while others are facing outside. Not more than two adjacent persons are facing the same direction. One person sits between L and S. L sits opposite to O such that both are facing opposite direction. Three people sit between Q and M such that both are facing same direction. N does not face outside. S and R are facing the same direction. Immediate neighbors of L are facing opposite direction. R sits immediate right of M. N is not adjacent to R. Q sits immediate right of L.

- Question No. 14

How many persons are sitting between L and O?

**Options :**

1. Four
2. Two
3. Five
4. Three
5. None

Answer : Three

Direction:

**Answer the question based on the information given below:**

Eight friends L, M, N, O, P, Q, R and S sit around a circular table. Four of them are facing towards the centre while others are facing outside. Not more than two adjacent persons are facing the same direction. One person sits between L and S. L sits opposite to O such that both are facing opposite direction. Three people sit between Q and M such that both are facing same direction. N does not face outside. S and R are facing the same direction. Immediate neighbors of L are facing opposite direction. R sits immediate right of M. N is not adjacent to R. Q sits immediate right of L.

- Question No. 15

Which of the following groups are facing the centre?

**Options :**

1. L, P, S, N
2. L, M, Q, R
3. L, M, N, Q
4. L, P, S, Q
5. P, R, N, M

Answer : L, M, N, Q

Direction:

**Answer the questions based on the information given below.**

In a code certain language,

'flights cancelled resident told' is coded as 'prt arf qrv crw'

'stay cancelled indoors' is coded as 'zrb yrn prt'

'faces again cancelled told' is coded as 'mrq prt trk qrv'

'told flights heavily rains' is coded as 'lra qrv arf kre'

- Question No. 16

Which word is coded as "arf"?

**Options :**

1. flights
2. cancelled
3. resident
4. faces
5. None of the above

Answer : flights

Direction:

**Answer the questions based on the information given below.**

In a code certain language,

'flights cancelled resident told' is coded as 'prt arf qrv crw'

'stay cancelled indoors' is coded as 'zrb yrn prt'

'faces again cancelled told' is coded as 'mrq prt trk qrv'

'told flights heavily rains' is coded as 'lra qrv arf kre'

- Question No. 17

What is the code for the word "faces"?

**Options :**

1. mrq
2. trk
3. prt
4. Either (a) or (b)
5. None of the above

Answer : Either (a) or (b)

Direction:

**Answer the questions based on the information given below.**

In a code certain language,

'flights cancelled resident told' is coded as 'prt arf qrv crw'

'stay cancelled indoors' is coded as 'zrb yrn prt'

'faces again cancelled told' is coded as 'mrq prt trk qrv'

'told flights heavily rains' is coded as 'lra qrv arf kre'

• Question No. 18

Which word is coded as "prt"?

**Options :**

1. flights
2. cancelled
3. resident
4. told
5. None of the above

Answer : cancelled

Direction:

**Answer the questions based on the information given below.**

In a code certain language,

'flights cancelled resident told' is coded as 'prt arf qrv crw'

'stay cancelled indoors' is coded as 'zrb yrn prt'

'faces again cancelled told' is coded as 'mrq prt trk qrv'

'told flights heavily rains' is coded as 'lra qrv arf kre'

• Question No. 19

\_\_\_\_\_ is coded as "zrb".

**Options :**

1. stay
2. indoors
3. cancelled
4. Either (a) or (b)
5. None of the above

Answer : Either (a) or (b)

Direction:

**Answer the questions based on the information given below.**

In a code certain language,

'flights cancelled resident told' is coded as 'prt arf qrv crw'

'stay cancelled indoors' is coded as 'zrb yrn prt'

'faces again cancelled told' is coded as 'mrq prt trk qrv'

'told flights heavily rains' is coded as 'lra qrv arf kre'

- Question No. 20

"told" is coded as \_\_\_\_\_.

**Options :**

1. lra
2. qrv
3. arf
4. kre
5. None of the above

Answer : qrv

Direction:

**Read the directions carefully and answer the following questions.**

Ten boxes A, B, C, D, E, K, L, M, N and O are kept one above another (not necessarily in the same order) in a stack such that bottommost box is numbered as 1 and the box immediately above it is numbered as 2 and so on. Also the dimension of each box is same.

Box number of K is three times of Box number of E. Only two boxes are kept between A and N. D is kept above M. A is kept three boxes above B. No box is kept between N and K. Number of boxes kept below C is three less than the number of boxes kept above O. At least two boxes are kept between M and L. L is kept three boxes above C. O is not the bottommost box.

• Question No. 21

How many boxes are placed above Box O?

**Options :**

1. One
2. Two
3. Three
4. Four
5. Five

Answer : Four

Direction:

**Read the directions carefully and answer the following questions.**

Ten boxes A, B, C, D, E, K, L, M, N and O are kept one above another (not necessarily in the same order) in a stack such that bottommost box is numbered as 1 and the box immediately above it is numbered as 2 and so on. Also the dimension of each box is same.

Box number of K is three times of Box number of E. Only two boxes are kept between A and N. D is kept above M. A is kept three boxes above B. No box is kept between N and K. Number of boxes kept below C is three less than the number of boxes kept above O. At least two boxes are kept between M and L. L is kept three boxes above C. O is not the bottommost box.

• Question No. 22

Which of the following box is placed exactly in between of Box numbered 6 and Box B?

**Options :**

1. Box number 10
2. Box C
3. Box O
4. Box numbered 7
5. Box L

Answer : Box L

Direction:

**Read the directions carefully and answer the following questions.**

Ten boxes A, B, C, D, E, K, L, M, N and O are kept one above another (not necessarily in the same order) in a stack such that bottommost box is numbered as 1 and the box immediately above it is numbered as 2 and so on. Also the dimension of each box is same.

Box number of K is three times of Box number of E. Only two boxes are kept between A and N. D is kept above M. A is kept three boxes above B. No box is kept between N and K. Number of boxes kept below C is three less than the number of boxes kept above O. At least two boxes are kept between M and L. L is kept three boxes above C. O is not the bottommost box.

- Question No. 23

Find the correctly matched.

**Options :**

1. Box O, 7
2. Box B, 3
3. Box M, 2
4. Box K, 9
5. Box L, 4

Answer : Box K, 9

Direction:

**Read the directions carefully and answer the following questions.**

Ten boxes A, B, C, D, E, K, L, M, N and O are kept one above another (not necessarily in the same order) in a stack such that bottommost box is numbered as 1 and the box immediately above it is numbered as 2 and so on. Also the dimension of each box is same.

Box number of K is three times of Box number of E. Only two boxes are kept between A and N. D is kept above M. A is kept three boxes above B. No box is kept between N and K. Number of boxes kept below C is three less than the number of boxes kept above O. At least two boxes are kept between M and L. L is kept three boxes above C. O is



not the bottommost box.

• Question No. 24

Equal number of boxes are positioned below Box B, as above \_\_\_\_?

**Options :**

1. Box A
2. Box N
3. Box D
4. Box K
5. Box O

Answer : Box A

Direction:

**Read the directions carefully and answer the following questions.**

Ten boxes A, B, C, D, E, K, L, M, N and O are kept one above another (not necessarily in the same order) in a stack such that bottommost box is numbered as 1 and the box immediately above it is numbered as 2 and so on. Also the dimension of each box is same.

Box number of K is three times of Box number of E. Only two boxes are kept between A and N. D is kept above M. A is kept three boxes above B. No box is kept between N and K. Number of boxes kept below C is three less than the number of boxes kept above O. At least two boxes are kept between M and L. L is kept three boxes above C. O is not the bottommost box.

• Question No. 25

Which of the following Box is placed just above Box A?

**Options :**

1. Box A
2. Box N
3. Box D

4. Box K

5. Box O

Answer : Box D

Direction:

**In the question, assuming the given statements to be true, find which of the conclusion (s) among the given three conclusions is /are definitely true and then give your answer accordingly.**

- Question No. 26

Statements:

$$Q = C \leq T$$

Conclusions:

I. K

II. G

III. B > Q

Options :

1. Only conclusion I is true.
2. Both conclusions II and III are true.
3. Only conclusion II is true.
4. Both conclusions I and III are true.
5. All conclusions I, II and III are true.

Answer : All conclusions I, II and III are true.

Direction:

**In the question, assuming the given statements to be true, find which of the conclusion (s) among the given three conclusions is /are definitely true and then give your answer accordingly.**

- Question No. 27

Statements:

$E > J \geq N; A \leq E \leq S$

Conclusions:

I. A

II. N

III. X

**Options :**

1. Only conclusion II is true.
2. Both conclusions II and III are true.
3. Only conclusion III is true.
4. Both conclusions I and III are true.
5. All conclusions I, II and III are true.

Answer : Only conclusion II is true.

Direction:

**In the question, assuming the given statements to be true, find which of the conclusion (s) among the given three conclusions is /are definitely true and then give your answer accordingly.**

- Question No.28

Statements:

$T > I \cup; B \leq O$

Conclusions:

I.  $T > B$

II.  $Q = U$

III.  $V > B$

**Options :**

1. Only conclusion I is true

2. Only conclusion III is true
3. Both conclusions II and III are true
4. Both conclusions I and III are true
5. All conclusions I, II and III are true.

Answer : Both conclusions I and III are true

Direction:

**In the question, assuming the given statements to be true, find which of the conclusion (s) among the given three conclusions is /are definitely true and then give your answer accordingly.**

- Question No. 29

Statements:

$J \leq K = L; P$

Conclusions:

I.  $P$

II.  $O > J$

III.  $L \geq Q$

Options :

1. Only conclusion I is true.
2. Both conclusions II and III are true.
3. All conclusions I, II and III are true.
4. Both conclusions I and III are true.
5. Only conclusion II is true.

Answer : All conclusions I, II and III are true.

Direction:

**In the question, assuming the given statements to be true, find which of the conclusion (s) among the given three conclusions is /are definitely true and then give your answer accordingly.**

- Question No. 30

Statements:

D

Conclusions:

I.  $J \geq F$

II.  $G \leq E$

III.  $F \geq G$

**Options :**

1. Only conclusion II is true.
2. Both conclusions I and III are true.
3. Only conclusion I is true
4. Both conclusions II and III are true.
5. All conclusions I, II and III are true.

Answer : Both conclusions II and III are true.

- Question No. 31

How many pairs of letters are there in the word 'STRENGTH', which has as many letters between them in the words as in English alphabetical series?

**Options :**

1. Four
2. Two
3. Three
4. One
5. None

Answer : Two

- Question No. 32

If it is possible to make a meaningful four letters English word using 2<sup>nd</sup>, 4<sup>th</sup>, 7<sup>th</sup> and 10<sup>th</sup> letters of the word 'MODERATION' from the left end, then what will be the 3rd letter of the word so formed from the left end? If no such words can be formed, then mark the answer 'X' and if more than one word can be formed then mark the answer as 'Y'.

**Options :**

1. O
2. N
3. T
4. Y
5. X

Answer : Y

Direction:

**Study the following information carefully and answers the questions given below:**

Rahul starts walking from point D and goes 8m in the west direction and reaches point A. Then he takes the left turn and goes 6m to reach point K. From point K, he takes another left turn and goes 12m to reach point N. After that he takes left turn and goes 5m to reach point U. From point U, he takes right turn and goes 15m to reach point H. Finally, from point H, he takes right turn and goes 8m to reach point M.

- Question No. 33

**What is the shortest distance between point K and D?**

**Options :**

1. 9
2. 6
3. 10
4. 4
5. None of these

Answer : 10

Direction:

**Study the following information carefully and answers the questions given below:**

Rahul starts walking from point D and goes 8m in the west direction and reaches point A. Then he takes the left turn and goes 6m to reach point K. From point K, he takes another left turn and goes 12m to reach point N. After that he takes left turn and goes 5m to reach point U. From point U, he takes right turn and goes 15m to reach point H. Finally, from point H, he takes right turn and goes 8m to reach point M.

- Question No. 34

**In which direction Point H situated with respect to point K?**

**Options :**

1. South
2. North-West
3. South-East
4. North
5. None of these

Answer : None of these

Direction:

**Study the following information carefully and answers the questions given below:**

Rahul starts walking from point D and goes 8m in the west direction and reaches point A. Then he takes the left turn and goes 6m to reach point K. From point K, he takes another left turn and goes 12m to reach point N. After that he takes left turn and goes 5m to reach point U. From point U, he takes right turn and goes 15m to reach point H. Finally, from point H, he takes right turn and goes 8m to reach point M.

- Question No. 35

**Find the total distance covered by Rahul from point A to point H?**

**Options :**

1. 32
2. 34
3. 27
4. 38
5. 33

Answer : 38

Direction:

**Study the following information carefully and answer the below questions.**

A certain number of persons are sitting in the linear row facing the north. H sits fourth to the left of C. Five persons are sitting between B and H. G sits second to the right of the one who sits third to the right of C. The number of persons sitting between B and C is the same as between G and D. D sits to the right of G. The number of persons sitting between C and F is one more than the persons sit between F and G. I sit exactly between the one who sits second to the right of F and D who sits at the extreme end. The number of persons sits to the right of I is the same as to the left of B. E sits at the left end.

- Question No. 36

How many persons are sitting in the linear row?

Options :

1. 32

2. 31

3. 33

4. 34

5. None of the above

Answer : 31

Direction:

**Study the following information carefully and answer the below questions.**

A certain number of persons are sitting in the linear row facing the north. H sits fourth to the left of C. Five persons are sitting between B and H. G sits second to the right of the one who sits third to the right of C. The number of persons sitting between B and C is the same as between G and D. D sits to the right of G. The number of persons sitting between C and F is one more than the persons sit between F and G. I sit exactly between the one who sits second to the right of F and D who sits at the extreme end. The number of persons sits to the right of I is the same as to the left of B. E sits at the left end.

- Question No. 37



Who among the following person does not sit to the left of G?

**Options :**

1. E
2. The one who sits fourth to the right of H
3. F
4. The one who sits fifth to the left of D
5. B

Answer : The one who sits fifth to the left of D

Direction:

**Study the following information carefully and answer the below questions.**

A certain number of persons are sitting in the linear row facing the north. H sits fourth to the left of C. Five persons are sitting between B and H. G sits second to the right of the one who sits third to the right of C. The number of persons sitting between B and C is the same as between G and D. D sits to the right of G. The number of persons sitting between C and F is one more than the persons sit between F and G. I sit exactly between the one who sits second to the right of F and D who sits at the extreme end. The number of persons sits to the right of I is the same as to the left of B. E sits at the left end.

- Question No. 38

Four of the following are alike in a certain way and so form a group. Who among the following one does not belong to that group?

**Options :**

1. B
2. H
3. E
4. The one who sits second to the right of F
5. The one who sits fifth to the right of G

Answer : E

Direction:

Study the following information carefully and answer the below questions.

A certain number of persons are sitting in the linear row facing the north. H sits fourth to the left of C. Five persons are sitting between B and H. G sits second to the right of the one who sits third to the right of C. The number of persons sitting between B and C is the same as between G and D. D sits to the right of G. The number of persons sitting between C and F is one more than the persons sit between F and G. I sit exactly between the one who sits second to the right of F and D who sits at the extreme end. The number of persons sits to the right of I is the same as to the left of B. E sits at the left end.

- Question No. 39

How many persons are sitting between H and I?

Options :

1. 10
2. 14
3. 11
4. 12
5. 13

Answer : 13

Direction:

Study the following information carefully and answer the below questions.

A certain number of persons are sitting in the linear row facing the north. H sits fourth to the left of C. Five persons are sitting between B and H. G sits second to the right of the one who sits third to the right of C. The number of persons sitting between B and C is the same as between G and D. D sits to the right of G. The number of persons sitting between C and F is one more than the persons sit between F and G. I sit exactly between the one who sits second to the right of F and D who sits at the extreme end. The number of persons sits to the right of I is the same as to the left of B. E sits at the left end.

- Question No. 40

In which of the following option, less than two persons are sitting between the first person and second person?

**Options :**

1. ID
2. EB
3. HC
4. FG
5. CI

Answer : FG

Direction:

**Answer the questions based on the information given below.**

A class has a total of 1000 students. All the students are studying exactly one of three different subjects: Maths, Physics, and Chemistry. The number of students studying Maths is 20% of the total number of students in the class, and the ratio of boys to girls studying Maths is 3:7, respectively. The number of students studying Chemistry is 60% of the number of students studying Physics. The number of girls studying Physics is 100 less than the number of boys studying Physics. The number of girls studying Chemistry is 87.5% of the number of boys studying Chemistry.

- Question No. 41

What will be the number of girls in the class.

**Options :**

1. 450
2. 480
3. 440
4. 456
5. None of these

Answer : 480

Direction:

**Answer the questions based on the information given below.**

A class has a total of 1000 students. All the students are studying exactly one of three different subjects: Maths, Physics, and Chemistry. The number of students studying Maths is 20% of the total number of students in the class,

and the ratio of boys to girls studying Maths is 3:7, respectively. The number of students studying Chemistry is 60% of the number of students studying Physics. The number of girls studying Physics is 100 less than the number of boys studying Physics. The number of girls studying Chemistry is 87.5% of the number of boys studying Chemistry.

- Question No. 42

Determine the total number of students Studying Chemistry as subject.

**Options :**

1. 360
2. 300
3. 320
4. 456
5. None of these

Answer : 300

Direction:

**Answer the questions based on the information given below.**

A class has a total of 1000 students. All the students are studying exactly one of three different subjects: Maths, Physics, and Chemistry. The number of students studying Maths is 20% of the total number of students in the class, and the ratio of boys to girls studying Maths is 3:7, respectively. The number of students studying Chemistry is 60% of the number of students studying Physics. The number of girls studying Physics is 100 less than the number of boys studying Physics. The number of girls studying Chemistry is 87.5% of the number of boys studying Chemistry.

- Question No. 43

Find the difference between number of boys studying Chemistry and number of girls studying Maths as subject.

**Options :**

1. 36
2. 30
3. 32
4. 20

5. None of these

Answer : 20

Direction:

**Answer the questions based on the information given below.**

A class has a total of 1000 students. All the students are studying exactly one of three different subjects: Maths, Physics, and Chemistry. The number of students studying Maths is 20% of the total number of students in the class, and the ratio of boys to girls studying Maths is 3:7, respectively. The number of students studying Chemistry is 60% of the number of students studying Physics. The number of girls studying Physics is 100 less than the number of boys studying Physics. The number of girls studying Chemistry is 87.5% of the number of boys studying Chemistry.

- Question No. 44

Determine the ratio of number of boys to the number of girls in the class.

Options :

1. 36:29
2. 17:30
3. 13:12
4. 19:20
5. None of these

Answer : 13:12

Direction:

**Answer the questions based on the information given below.**

A class has a total of 1000 students. All the students are studying exactly one of three different subjects: Maths, Physics, and Chemistry. The number of students studying Maths is 20% of the total number of students in the class, and the ratio of boys to girls studying Maths is 3:7, respectively. The number of students studying Chemistry is 60% of the number of students studying Physics. The number of girls studying Physics is 100 less than the number of boys studying Physics. The number of girls studying Chemistry is 87.5% of the number of boys studying Chemistry.

- Question No. 45

Number of girls studying Physics is how much % of number of boys Studying Chemistry as subject?

**Options :**

1. 125%
2. 100%
3. 120%
4. 115%
5. None of these

Answer : 125%

Direction:

**Find the wrong number in the given number series**

- Question No. 46

3, 4, 9, 28, 116, 566, 3397

**Options :**

1. 3
2. 566
3. 116
4. 28
5. None of these

Answer : 116

Direction:

**Find the wrong number in the given number series**

- Question No. 47

556, 547, 483, 458, 242, 196

**Options :**

1. 458

- 2. 242
- 3. 547
- 4. 196
- 5. None of these

Answer : 196

Direction:

**Find the wrong number in the given numbers series.**

- Question No. 48

100, 75, 59, 55, 46, 45

**Options :**

- 1. 75
- 2. 55
- 3. 100
- 4. 46
- 5. None of these

Answer : 55

Direction:

**Find out the wrong number in the given number series.**

- Question No. 49

42, 85, 172, 343, 687, 1375

**Options :**

- 1. 42
- 2. 172
- 3. 85
- 4. 1375
- 5. None of these

Answer : 172

Direction:

**Find the wrong number in the given number series**

- Question No. 50

74, 79, 86.5, 101.5, 109, 124, 141.5

**Options :**

1. 124
2. 109
3. 74
4. 101.5
5. None of these

Answer : 101.5

Direction:

**What approximate value will come in place of the question mark (?) in the following question? (Note: You are not expected to calculate the exact value.)**

- Question No. 51

14.96% of 120.03 - 107.99 + 88.93% of 199.87 = ?

**Options :**

1. 105
2. 88
3. 30
4. 50
5. None of these

Answer : 88

Direction:

**What approximate value will come in place of the question mark (?) in the following question? (Note: You are not expected to calculate the exact value.)**



- Question No. 52

$$(21.02 \times 5.83 \times 12.03 \div 6.99 \text{ of } 4.03) + 31.93\% \text{ of } 50.03 = ?$$

Options :

1. 95
2. 65
3. 30
4. 70
5. None of these

Answer : 70

Direction:

What approximate value will come in place of the question mark (?) in the following question? (Note: You are not expected to calculate the exact value.)

- Question No. 53

$$33.02\% \text{ of } (143.92 + 7 \times ?) + 34.03 = 99.88$$

Options :

1. 8
2. 19
3. 29
4. 38
5. None of these

Answer : 8

Direction:

What approximate value will come in place of the question mark (?) in the following question?(Note: You are not expected to calculate the exact value.)

- Question No. 54

$$3.98 \times 29.67 \div 11.90 \text{ of } \sqrt{24.89} = ?\% \text{ of } 199.79$$

Options :

1. 12
2. 1
3. 8
4. 25
5. None of these

Answer : 1

Direction:

**What approximate value will come in place of the question mark (?) in the following question?(Note: You are not expected to calculate the exact value.)**

- Question No. 55

$$\sqrt{483.98 + 120.02} \text{ of } 119.89 \div 59.87 \text{ of } 29.87 = ?$$

Options :

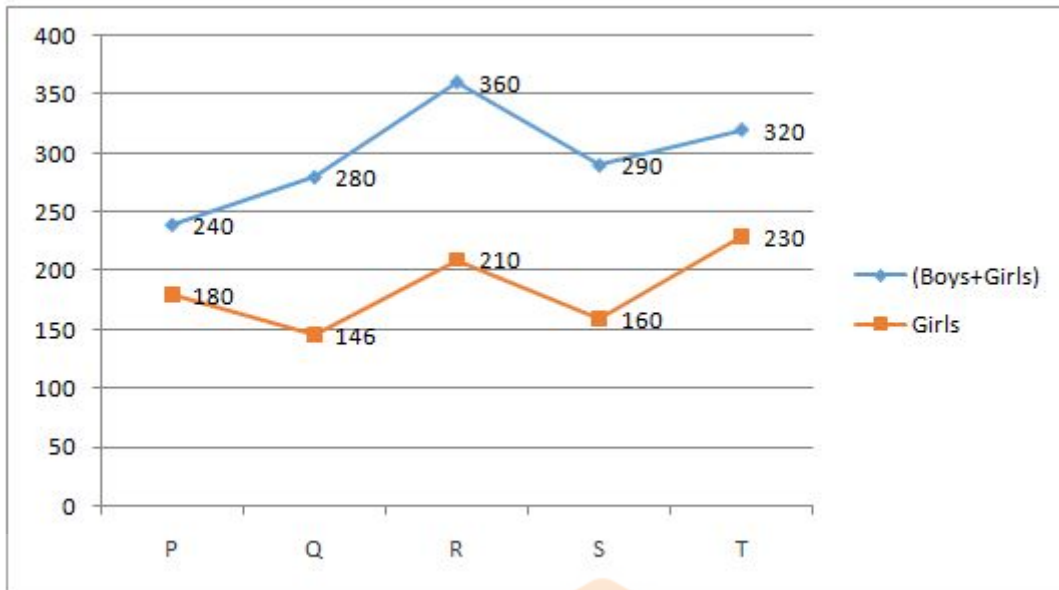
1. 75
2. 10
3. 30
4. 50
5. None of these

Answer : 30

Direction:

**Read the data carefully and answer the following questions.**

In line chart, total number of students (boys + girls) and number of girl students in 5 different schools - P, Q, R, S and T are given.



- Question No. 56

If 30% of boys from school T and 40% of boys from school S participated in sports. Find the total number of boys participated in sports from the same school.

Options :

1. 80

2. 60

3. 79

4. 93

5. 85

Answer : 79

Direction:

**Read the data carefully and answer the following questions.**

In line chart, total number of students (boys + girls) and number of girl students in 5 different schools - P, Q, R, S and T are given.



- Question No. 57

Total number of boys in school Q and R together is approximately what % more than number of girls in school P?

Options :

1. 50%
2. 58%
3. 48%
4. 42%
5. 36%

Answer : 58%

Direction:

**Read the data carefully and answer the following questions.**

In line chart, total number of students (boys + girls) and number of girl students in 5 different schools - P, Q, R, S and T are given.



- Question No. 58

What is ratio between number of boys in school R and total number of girls in school R and S together?

Options :

1. 10 : 13
2. 21 : 17
3. 23 : 32
4. 15 : 37
5. 32 : 39

Answer : 15 : 37

Direction:

**Read the data carefully and answer the following questions.**

In line chart, total number of students (boys + girls) and number of girl students in 5 different schools - P, Q, R, S and T are given.



• Question No. 59

If 20% of number of girls from school P and 40% of number of boys from same school are selected for a science project, what is sum of number of boys and girls who are not selected for science project?

Options :

- 1. 220
- 2. 144
- 3. 180
- 4. 130
- 5. 168

Answer : 180

Direction:

The table given below shows the total number of Male and Female employees in five different companies ('A', 'B', 'C', 'D' and 'E'). It also shows the ratio of the number Male employees to female employees in each company

Company	Total number of employees	Ratio of number of male to number of Female
<b>A</b>	1440	5:4
<b>B</b>	1680	7:5
<b>C</b>	1200	11:9
<b>D</b>	1100	5:6
<b>E</b>	800	2:3

- Question No. 60

Out of all the Male employees in company 'E', 35% employees like coffee. Find the number of male employees who like coffee in company 'E'.

Options :

1. 120
2. 112
3. 180
4. 175
5. None of these

Answer : 112

Direction:

The table given below shows the total number of Male and Female employees in five different companies ('A', 'B', 'C', 'D' and 'E'). It also shows the ratio of the number Male employees to female employees in each company

Company	Total number of employees	Ratio of number of male to number of Female
<b>A</b>	1440	5:4
<b>B</b>	1680	7:5
<b>C</b>	1200	11:9
<b>D</b>	1100	5:6
<b>E</b>	800	2:3

- Question No. 61

Find the ratio of the number of male employees in company 'B' and 'D' together to the total number of employees in company 'C'.

Options :

1. 27:30
2. 37:29
3. 33:30
4. 37:30
5. None of these

Answer : 37:30

Direction:

The table given below shows the total number of Male and Female employees in five different companies ('A', 'B', 'C', 'D' and 'E'). It also shows the ratio of the number Male employees to female employees in each company



Company	Total number of employees	Ratio of number of male to number of Female
A	1440	5:4
B	1680	7:5
C	1200	11:9
D	1100	5:6
E	800	2:3

- Question No. 62

Find the average number of Female employees in company 'C' and 'D' together

Options :

1. 256

2. 440

3. 570

4. 620

5. None of these

Answer : 570

Direction:

The table given below shows the total number of Male and Female employees in five different companies ('A', 'B', 'C', 'D' and 'E'). It also shows the ratio of the number Male employees to female employees in each company

Company	Total number of employees	Ratio of number of male to number of Female
<b>A</b>	1440	5:4
<b>B</b>	1680	7:5
<b>C</b>	1200	11:9
<b>D</b>	1100	5:6
<b>E</b>	800	2:3

- Question No. 63

For company 'F', number of male employees and number of female employees are 60% less and 50% less than respective number of male and female employees in company 'A'. Find total number of employees (male + female) in company 'F'.

Options :

1. 540

2. 640

3. 500

4. 620

5. None of these

Answer : 640

Direction:

The table given below shows the total number of Male and Female employees in five different companies ('A', 'B', 'C', 'D' and 'E'). It also shows the ratio of the number Male employees to female employees in each company

Company	Total number of employees	Ratio of number of male to number of Female
<b>A</b>	1440	5:4
<b>B</b>	1680	7:5
<b>C</b>	1200	11:9
<b>D</b>	1100	5:6
<b>E</b>	800	2:3

- Question No. 64

Number of Male employees in company 'C' is what percent of the number of Female employees in company 'E'?

Options :

1. 166.5%
2. 127.5%
3. 117.5%
4. 137.5%
5. None of these

Answer : 137.5%

- Question No. 65

A started a business with an investment of Rs 16,000. After 2 months B joins in with  $\frac{5}{8}$  of the amount that A invested and A withdraws Rs 4,000. After 2 more months, C joins with Rs 12,000 and A again withdraws Rs 2,000. After an year, If C received Rs 3,120 as his share then what was the total profit?

Options :

1. Rs 16,954
2. Rs 11,668

- 3. Rs 10,790
- 4. Rs 14,326
- 5. None of these

Answer : Rs 10,790

• Question No. 66

The surface area of water in a swimming pool forms a rectangle with length 30m and breadth 12m. The depth of water increases uniformly from 1.4m to 2.6m at the other end. The volume (in  $m^3$ ) of water in the pool is

**Options :**

- 1. 500  $m^3$
- 2. 540  $m^3$
- 3. 720  $m^3$
- 4. 1080  $m^3$
- 5. None of these

Answer : 720  $m^3$

• Question No. 67

A can walk a certain distance in 11 days when he rests 8 hours a day. How long will he take to walk twice the distance, twice as fast and resting twice as long each day?

**Options :**

- 1. 4(1/2) days
- 2. 11 days
- 3. 15(1/2) days
- 4. 22 days
- 5. None of these

Answer : 22 days

• Question No. 68

Naina lent Rs. 9,800 to Mohini for 4 years and Rs. 8,800 to Mitali for 6 years on simple interest at the same rate of interest and received Rs. 11,040 in all from both as interest. The rate of interest per annum is.

**Options :**

1. 12%
2. 8%
3. 4%
4. 10%
5. None of these

Answer : 12%

• Question No. 69

When a shopkeeper sells an item A for Rs.52,800, he incurred a loss of 45%. If he sells another item B of same cost price in order to recover the loss incurred by selling A, what would be the selling price of B?

**Options :**

1. Rs. 1,39,200
2. Rs.1,45,200
3. Rs.1,29,500
4. Rs.1,39,700
5. None of these

Answer : Rs. 1,39,200

• Question No. 70

Ajay goes to a grocery store with a certain amount of money. He can buy 80 apples or 40 bananas with the money he has. However, he decides to save 5% of the amount for snacks and buys 10 bananas and some apples. Find the percentage of apples he can now purchase out of the initial number of apples he could have bought.

**Options :**

1. 40%
2. 60%
3. 70%
4. 45%
5. None of these

Answer : 70%

• Question No. 71

Ramesh purchased 7 chairs, 14 tables, and 21 lamps for Rs. 210, Rs. 700, and Rs. 630, respectively, from a seller. By selling each chair and each table, the seller made a profit of 'g%' and 'h%', respectively, such that  $h = 5g$ . Find the profit earned by the seller on selling all the lamps given the condition that the cost price of a table, a chair, and a lamp is the same.

**Options :**

1. Rs.367.5
2. Rs.327.5
3. Rs.373.5
4. Rs.307.5
5. None of these

Answer : Rs.367.5

• Question No. 72

The marks obtained by X and Y in a quiz are in the ratio 7:5 respectively. If Y had scored 5 more marks, then the marks scored by X would be 30% more than that of Y. What is the difference between actual marks scored by X and Y?

**Options :**

1. 10

2. 30
3. 25
4. 35
5. 40

Answer : 30

• Question No. 73

An equal sum of money is invested in two schemes which offer interest at the same rate but one at simple interest and the other at compound interest (compounded annually). Simple interest and compound interest received at the end of 2 years is Rs. 2,000 and Rs. 2,200, respectively. Find the rate of interest.

Options :

1. 24%
2. 20%
3. 12%
4. 18%
5. None of these

Answer : 20%

• Question No. 74

'Anuj' and 'Bhanu' start walking towards each other from point 'P' and 'Q', respectively. 'Anuj' is walking at 4 m/s and 'Bhanu' is walking at 7m/s. If distance between 'Anuj' and 'Bhanu' is 60 metres and they're travelling back and forth between 'P' and 'Q', then find the total distance covered by 'Bhanu' by the time he meets 'Anuj' for the third time given that distance covered by 'Anuj' in that time is  $(2a/11)$ metres.

Options :

1.  $\{(600 + a) / 11\}$
2.  $\{(780 + a) / 11\}$
3.  $\{(990 + a) / 11\}$
4.  $\{(900 + a) / 11\}$

5. None of these

Answer :  $\{(900 + a) / 11\}$

• Question No. 75

Train 'A' running with a speed of 72 km/h crosses a pole in 8.5 seconds. If the time taken by train 'A' to cross train 'B' running with a speed of 36 km/h and coming from the opposite direction is 11.4 seconds, then find the length of train B.

**Options :**

1. 172
2. 165
3. 112
4. 155
5. None of these

Answer : 172

• Question No. 76

A boat can cover 80 km upstream and 200 km downstream in 14 hours. Speed of the stream is how much less than the speed of the boat in still water if the boat can cover 64 km upstream and 160 km downstream in 10 hours?

**Options :**

1. 20 km/h
2. 16 km/h
3. 18 km/h
4. 15 km/h
5. None of these

Answer : 16 km/h

• Question No. 77



"Amit" and "Bhanu" have respective completion times of 20 and 30 days for a task. They began working together on the project, but after a few days, "Amit" left and "Chintu," who can finish the entire task on her own in ten days, joined. Four days before the job was finished, "Chintu" left. Determine the amount of work completed by "Bhanu" if "Amit" and "Chintu" worked for a similar number of days.

**Options :**

1.  $\frac{7}{5}$
2.  $\frac{2}{9}$
3.  $\frac{2}{5}$
4.  $\frac{3}{5}$
5. None of these

Answer :  $\frac{2}{5}$

• Question No. 78

Rohan deposited Rs. 'Y' in a bank offering compound interest of 10% p.a. compounded annually. After 3 years, he invested the amount received from the bank in scheme 'C' and 'D' in the ratio of 7:3 respectively. Scheme 'D' offers compound interest of 18% p.a. compounded annually while scheme 'C' offers simple interest of 12% p.a. If total interest received by him from schemes C and D together at the end of 2 years is Rs. 1584, then find the value of 'Y'.

**Options :**

1. Rs.4000
2. Rs.3667
3. Rs.4200
4. Rs.5500
5. None of these

Answer : Rs.4000

• Question No. 79

The perimeters of four squares are 32 cm, 48 cm, 56 cm, and 64 cm, respectively. What will be the area of the square having a perimeter equal to the sum of the edges of these four squares? (in  $\text{cm}^2$ )

**Options :**

1. 125.75
2. 156.25
3. 225
4. 324
5. None of these

Answer : 156.25

• Question No. 80

'Amit' purchased 'x' articles at the rate of Rs. 80 per article. He sold the articles such that 1<sup>st</sup> article is sold for Rs. 2, 2<sup>nd</sup> article is sold for Rs. 4, 3<sup>rd</sup> is sold for Rs. 6, and so on. He earned an overall profit of 50%. If considering a certain case in which 'Bunti' purchased (x + 6) articles for Rs. 40 each and sold all the articles at the profit of 80%, then find the selling price of all the articles sold by 'Bunti' in this particular case.

**Options :**

1. Rs. 10,000
2. Rs. 12,000
3. Rs. 9,000
4. Rs. 10,800
5. None of these

Answer : Rs. 9,000

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