

Direction:

**Study the following carefully and answer the questions below:**

A certain number of persons are sitting in a row facing north direction and equidistant from each other.

Only one person sits between P and Q, who doesn't sit adjacent to R. S sits to the right of T. Only four persons sit between U and V, who sits to the right of Q. P sits adjacent to R, who sits third from the left end of the row. T is not an immediate neighbour of R. The number of persons who sit to the right of Q is one more than sitting to the left side of Q.

X doesn't sit on the extreme end of the row and sits to the left of W. Only two person sit between U and N. There are more than two persons sitting between Q and Y. Only four persons sit between P and K. Q sits to the immediate left of U. Y sits to the left of R, who does not sit adjacent to S. W sits to the immediate right of P.

- Question No.1

Who is sitting on the third right of T?

**Options :**

1. R

2. U

3. S

4. V

5. N

Answer : S

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Only one person sits between P and Q, who doesn't sit adjacent to R. S sits to the right of T. Only four persons sit between U and V, who sits to the right of Q. P sits adjacent to R, who sits third from the left end of the row. T is not an immediate neighbour of R. The number of persons who sit to the right of Q is one more than sitting to the left side of Q.

X doesn't sit on the extreme end of the row and sits to the left of W. Only two person sit between U and N. There are more than two persons sitting between Q and Y. Only four persons sit between P and K. Q sits to the immediate left of U. Y sits to the left of R, who does not sit adjacent to S. W sits to the immediate right of P.

• Question No. 2

How many persons are sitting in the row?

**Options :**

1. 8
2. 10
3. 9
4. More than 10
5. None of these

Answer : More than 10

Direction:

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A certain number of persons are sitting in a row facing north direction and equidistant from each other.

Only one person sits between P and Q, who doesn't sit adjacent to R. S sits to the right of T. Only four persons sit between U and V, who sits to the right of Q. P sits adjacent to R, who sits third from the left end of the row. T is not an immediate neighbour of R. The number of persons who sit to the right of Q is one more than sitting to the left side of Q.

X doesn't sit on the extreme end of the row and sits to the left of W. Only two person sit between U and N. There are more than two persons sitting between Q and Y. Only four persons sit between P and K. Q sits to the immediate left of U. Y sits to the left of R, who does not sit adjacent to S. W sits to the immediate right of P.

• Question No. 3

How many persons are sitting to the left of W?

**Options :**

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

Answer : Four

Direction:

**Study the following carefully and answer the questions below:**

A certain number of persons are sitting in a row facing north direction and equidistant from each other.

Only one person sits between P and Q, who doesn't sit adjacent to R. S sits to the right of T. Only four persons sit between U and V, who sits to the right of Q. P sits adjacent to R, who sits third from the left end of the row. T is not an immediate neighbour of R. The number of persons who sit to the right of Q is one more than sitting to the left side of Q.

X doesn't sit on the extreme end of the row and sits to the left of W. Only two person sit between U and N. There are more than two persons sitting between Q and Y. Only four persons sit between P and K. Q sits to the immediate left of U. Y sits to the left of R, who does not sit adjacent to S. W sits to the immediate right of P.

- Question No. 4

How many people are sitting between P and S in the arrangement?

**Options :**

1. One
2. Six
3. None
4. Five
5. More than six

Answer : Six

Direction:

**Study the following carefully and answer the questions below:**

A certain number of persons are sitting in a row facing north direction and equidistant from each other.

Only one person sits between P and Q, who doesn't sit adjacent to R. S sits to the right of T. Only four persons sit between U and V, who sits to the right of Q. P sits adjacent to R, who sits third from the left end of the row. T is not an immediate neighbour of R. The number of persons who sit to the right of Q is one more than sitting to the left side of Q.

X doesn't sit on the extreme end of the row and sits to the left of W. Only two person sit between U and N. There are more than two persons sitting between Q and Y. Only four persons sit between P and K. Q sits to the immediate left of U. Y sits to the left of R, who does not sit adjacent to S. W sits to the immediate right of P.

• Question No. 5

Which two persons among all the given are sitting at the extreme ends of the row?

Options :

1. V and Y.
2. P and V
3. Y and S
4. K and Y
5. None of these

Answer : V and Y.

• Question No. 6

If a four letter word is formed from 2<sup>nd</sup>, 3<sup>rd</sup>, 6<sup>th</sup> and 7th letter of 'CLUSTER' then what is the 3rd letter of newly formed word? If more than one meaningful word is formed, then the answer will be Z.

Options :

1. R
2. L
3. Z
4. U

5. None of these

Answer : Z

• Question No. 7

How many pairs of letters are there in the word 'EDUCATION', each of which as many letters between them both backward and forward in the word have as they have between them in the English alphabet?

**Options :**

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

Answer : Five

Direction:

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

Biswas started his journey from point R and walks 5m towards south and reached at point T. He takes a left turn and walks 10m to reach at point Q. From the point Q, he takes a right turn and walks 8m to reach point Y. From there he takes a right turn walks 5m and reach point Z. From this point, he starts walking towards north direction and walks 11m to reach point X.

• Question No. 8

Point T is in which direction with respect to Y?

**Options :**

1. North
2. North east
3. South west
4. North west

5. None of these

Answer : North west

Direction:

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

Biswas started his journey from point R and walks 5m towards south and reached at point T. He takes a left turn and walks 10m to reach at point Q. From the point Q, he takes a right turn and walks 8m to reach point Y. From there he takes a right turn walks 5m and reach point Z. From this point, he starts walking towards north direction and walks 11m to reach point X.

• Question No. 9

What is the shortest distance between X and Q?

Options :

1. 5m
2. 3m
3.  $\sqrt{31}$ m
4.  $\sqrt{34}$ m
5. None of these

Answer :  $\sqrt{34}$ m

Direction:

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

Biswas started his journey from point R and walks 5m towards south and reached at point T. He takes a left turn and walks 10m to reach at point Q. From the point Q, he takes a right turn and walks 8m to reach point Y. From there he takes a right turn walks 5m and reach point Z. From this point, he starts walking towards north direction and walks 11m to reach point X.

• Question No. 10

If a point M is 3m east of point R, then what is the direction of point Q with respect to point M?

**Options :**

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

Answer : South east

Direction:

**In these questions, relationships between different elements are shown in the statements. These statements are followed by two conclusions.**

**Give answer**

- Question No. 11

**Statements:**  $R \geq S, S \geq T, T < P, R = B$

**Conclusion:**

I.  $T \leq B$

II.  $T > R$

**Options :**

1. If only conclusion I follows.
2. If only conclusion II follows
3. If either conclusion I or conclusion II follows
4. If neither conclusion I nor conclusion II follows
5. If both conclusions I and II follow

Answer : If only conclusion I follows.

Direction:

**In these questions, relationships between different elements are shown in the statements. These statements are followed by two conclusions.**

**Give answer**

- Question No. 12

**Statements:**  $B < Q \geq F < C, F < N$

**Conclusion:**

I.  $Q > C$

II.  $B \geq N$

**Options :**

1. If only conclusion I follows.
2. If only conclusion II follows
3. If either conclusion I or conclusion II follows
4. If neither conclusion I nor conclusion II follows
5. If both conclusions I and II follow

Answer : If neither conclusion I nor conclusion II follows

Direction:

**In these questions, relationships between different elements are shown in the statements. These statements are followed by two conclusions.**

**Give answer**

Prepare 50% Faster

- Question No. 13

**Statements:**  $P \geq Q, G < K, P \leq K, G = J$

**Conclusion:**

I.  $G > Q$

II.  $G \leq Q$

**Options :**

1. If only conclusion I follows.
2. If only conclusion II follows
3. If either conclusion I or conclusion II follows



4. If neither conclusion I nor conclusion II follows
5. If both conclusions I and II follow

Answer : If either conclusion I or conclusion II follows

• Question No. 14

What will come in the place of question mark (?) to make the expression  $C \leq G$  and  $T > S$ , definitely true?

$C \leq V? F = G > T \geq R? W = S$

**Options :**

1.  $<, \leq$
2.  $=, <$
3.  $\leq, =$
4.  $\leq, >$
5. None of these

Answer :  $\leq, >$

• Question No. 15

What will come in the place of question mark (?) to make the expression  $T > G$  and  $F \leq O$ , definitely true?

$T? V = G \geq F? R \leq W = O$

**Options :**

1.  $\geq, \leq$
2.  $>, \leq$
3.  $=, <$
4.  $\geq, <$
5. None of these

Answer :  $>, \leq$

Direction:

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

In a certain code language -

Watched pot never boils – 4 & g, 13 \$ u, 11 # w, 25 \$ v

Beggars cannot choose – 24%w, 24% h, 25& v

Familiarity breeds contempt – 25 % v, 24 \* w, 21 + b

Counsel is no command – 24&o, 18 @ v, 24 & g, 13 @ r.

• Question No. 16

What will be the code for 'Mammals Around'?

Options :

1. 14 & v, 26% g

2. 21 % u, 31 \* p

3. 15 \* v, 29 \$ h

4. 11 % f, 18 \* n

5. None of these

Answer : 14 & v, 26% g

Direction:

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

In a certain code language -

Watched pot never boils – 4 & g, 13 \$ u, 11 # w, 25 \$ v

Beggars cannot choose – 24%w, 24% h, 25& v

Familiarity breeds contempt – 25 % v, 24 \* w, 21 + b

Counsel is no command – 24&o, 18 @ v, 24 & g, 13 @ r.

• Question No. 17

What will be the code for 'Replicate'?

**Options :**

1. 10 ^ j
2. 11 % f
3. CND
4. 9 \$ j
5. None of these

Answer : CND

Direction:

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

In a certain code language -

Watched pot never boils – 4 & g, 13 \$ u, 11 # w, 25 \$ v

Beggars cannot choose – 24%w, 24% h, 25& v

Familiarity breeds contempt – 25 % v, 24 \* w, 21 + b

Counsel is no command – 24&o, 18 @ v, 24 & g, 13 @ r.

- Question No.18

'8 \* o' will be the code for?

**Options :**

1. Sharing
2. Shining
3. Shameful
4. Surprise
5. None of these

Answer : Shameful

Direction:

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

In a certain code language -

Watched pot never boils – 4 & g, 13 \$ u, 11 # w, 25 \$ v

Beggars cannot choose – 24%w, 24% h, 25& v

Familiarity breeds contempt – 25 % v, 24 \* w, 21 + b

Counsel is no command – 24&o, 18 @ v, 24 & g, 13 @ r.

- Question No. 19

What will be the code for 'Granted'?

**Options :**

1. 19 & h
2. 21 % g
3. 20 & g
4. 20 # g
5. None of these

Answer : 20 & g

Direction:

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

In a certain code language -

Watched pot never boils – 4 & g, 13 \$ u, 11 # w, 25 \$ v

Beggars cannot choose – 24%w, 24% h, 25& v

Familiarity breeds contempt – 25 % v, 24 \* w, 21 + b

Counsel is no command – 24&o, 18 @ v, 24 & g, 13 @ r.

- Question No. 20

What will be the code for 'This is the rule'?

**Options :**

1.  $7 \wedge v 18 @ u 7 \$ h 9 \# h$
2.  $7 \wedge v 18 @ v 7 \# h 9 \wedge h$
3.  $10 \& u 18 \% v 9 ! t 22 \& g$
4. Cannot be determined
5. None of these

Answer :  $7 \wedge v 18 @ v 7 \# h 9 \wedge h$

Direction:

**Study the following carefully and answer the questions below:**

Eight people S, T, U, V, W, X, Y and Z are sitting around a square table in such a way that four of them sit at corners while four sit in the middle of the sides. The one sitting in the middle of the sides are facing the centre and the ones sitting at the corner are facing outside.

U sits second to the right of V. T does not sit at any of the corners of the table. Only 3 people sit between U and Y. Only 1 person sit between Y and X. S sits second to the left of Z. Z is neither an immediate neighbour of X nor Y. Only 3 people sit between S and T.

- Question No. 21

How many persons are sitting between Z and W?

**Options :**

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

Answer : Three

Direction:

**Study the following carefully and answer the questions below:**

Eight people S, T, U, V, W, X, Y and Z are sitting around a square table in such a way that four of them sit at corners while four sit in the middle of the sides. The one sitting in the middle of the sides are facing the centre and the ones sitting at the corner are facing outside.

U sits second to the right of V. T does not sit at any of the corners of the table. Only 3 people sit between U and Y.

Only 1 person sit between Y and X. S sits second to the left of Z. Z is neither an immediate neighbour of X nor Y.

Only 3 people sit between S and T.

• Question No. 22

Find the odd one out among the following?

Options :

1. S
2. T
3. Z
4. W
5. U

Answer : U

Direction:

**Study the following carefully and answer the questions below:**

Eight people S, T, U, V, W, X, Y and Z are sitting around a square table in such a way that four of them sit at corners while four sit in the middle of the sides. The one sitting in the middle of the sides are facing the centre and the ones sitting at the corner are facing outside.

U sits second to the right of V. T does not sit at any of the corners of the table. Only 3 people sit between U and Y.

Only 1 person sit between Y and X. S sits second to the left of Z. Z is neither an immediate neighbour of X nor Y.

Only 3 people sit between S and T.

• Question No. 23

Who is sitting exactly between T and W?

**Options :**

1. Y
2. U
3. S
4. V
5. None of these

Answer : Y

Direction:

**Study the following carefully and answer the questions below:**

Eight people S, T, U, V, W, X, Y and Z are sitting around a square table in such a way that four of them sit at corners while four sit in the middle of the sides. The one sitting in the middle of the sides are facing the centre and the ones sitting at the corner are facing outside.

U sits second to the right of V. T does not sit at any of the corners of the table. Only 3 people sit between U and Y.

Only 1 person sit between Y and X. S sits second to the left of Z. Z is neither an immediate neighbour of X nor Y.

Only 3 people sit between S and T.

- Question No. 24

What is the position of U with respect to Y?

**Options :**

1. Second to left
2. Third to right
3. Fourth to left
4. Fourth to right
5. Either 3 or 4

Answer : Either 3 or 4

Direction:

**Study the following carefully and answer the questions below:**

Eight people S, T, U, V, W, X, Y and Z are sitting around a square table in such a way that four of them sit at corners while four sit in the middle of the sides. The one sitting in the middle of the sides are facing the centre and the ones sitting at the corner are facing outside.

U sits second to the right of V. T does not sit at any of the corners of the table. Only 3 people sit between U and Y.

Only 1 person sit between Y and X. S sits second to the left of Z. Z is neither an immediate neighbour of X nor Y.

Only 3 people sit between S and T.

• Question No. 25

If X is related to S, Y is related to W, then in the same way U is related to?

Options :

1. Z
2. V
3. T
4. Cannot be determined
5. None of these

Answer : Z

Direction:

Study the given information carefully and answer the following question.

Eight persons A, D, G, J, K, L, C, and I have their exams on either 15<sup>th</sup> or 22<sup>nd</sup> of four different month's i.e. March, April, May, June not necessarily in the same order. A has the exam on 15<sup>th</sup> of a month which is having 31 days. Only one person has the exam before D. Number of persons between A and D is one less than the number of persons between D and I. G and J have exams in the same month having 30 days, but not in April. L has the exam after C. Only three persons have exam between D and K. G has the exam before J.

• Question No. 26

How many persons have exam between C and I?

Options :



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

Answer : None of these

Direction:

**Study the given information carefully and answer the following question.**

Eight persons A, D, G, J, K, L, C, and I have their exams on either 15<sup>th</sup> or 22<sup>nd</sup> of four different month's i.e. March, April, May, June not necessarily in the same order. A has the exam on 15<sup>th</sup> of a month which is having 31 days. Only one person has the exam before D. Number of persons between A and D is one less than the number of persons between D and I. G and J have exams in the same month having 30 days, but not in April. L has the exam after C. Only three persons have exam between D and K. G has the exam before J.

- Question No. 27

Who among the following has exam on 15<sup>th</sup> March?

**Options :**

1. L
2. J
3. D
4. K
5. A

Answer : A

Direction:

**Study the given information carefully and answer the following question.**

Eight persons A, D, G, J, K, L, C, and I have their exams on either 15<sup>th</sup> or 22<sup>nd</sup> of four different month's i.e. March, April, May, June not necessarily in the same order. A has the exam on 15<sup>th</sup> of a month which is having 31 days. Only one person has the exam before D. Number of persons between A and D is one less than the number of persons between D and I. G and J have exams in the same month having 30 days, but not in April. L has the exam after C.

Only three persons have exam between D and K. G has the exam before J.

• Question No. 28

Person G has its exam on which date and month?

**Options :**

1. 15 April
2. 22 April
3. 22 June
4. 15 June
5. None of these

Answer : 15 June

Direction:

**Study the given information carefully and answer the following question.**

Eight persons A, D, G, J, K, L, C, and I have their exams on either 15<sup>th</sup> or 22<sup>nd</sup> of four different month's i.e. March, April, May, June not necessarily in the same order. A has the exam on 15<sup>th</sup> of a month which is having 31 days. Only one person has the exam before D. Number of persons between A and D is one less than the number of persons between D and I. G and J have exams in the same month having 30 days, but not in April. L has the exam after C. Only three persons have exam between D and K. G has the exam before J.

• Question No. 29

**How many persons have their exam between D and the one who has is exam on 15<sup>th</sup> May?**

**Options :**

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

Answer : Two

Direction:

**Study the given information carefully and answer the following question.**

Eight persons A, D, G, J, K, L, C, and I have their exams on either 15<sup>th</sup> or 22<sup>nd</sup> of four different month's i.e. March, April, May, June not necessarily in the same order. A has the exam on 15<sup>th</sup> of a month which is having 31 days. Only one person has the exam before D. Number of persons between A and D is one less than the number of persons between D and I. G and J have exams in the same month having 30 days, but not in April. L has the exam after C. Only three persons have exam between D and K. G has the exam before J.

- Question No. 30

**How many exams are there before the exam of person K?**

**Options :**

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

Answer : Five

Direction:

**In each of the questions below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.**

- Question No. 31

**Statements:**

All heels are shoes.

Few shoes are not soles.

No soles are slippers.

**Conclusion:**

I. No shoes are slippers.

II. Some shoes being slippers is a possibility.

III. Some soles are heels.

**Options :**

1. Only conclusion I follows
2. Only conclusion III follows
3. Only conclusion I and III follows
4. Only conclusion II follows
5. None of these

Answer : Only conclusion II follows

Direction:

**In each of the questions below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.**

- Question No. 32

**Statements:**

All Phones are Laptops.

All laptops are computers.

Only a few computers are television.

**Conclusion:**

I. Some computers are not phones.

II. Some laptops are television.

III. Some phones being television is a possibility.

**Options :**

1. Only conclusion II follows

2. Only conclusion III follows
3. Only conclusion I and III follows
4. Only conclusion I follows
5. None of these

Answer : Only conclusion III follows

Direction:

**In each of the questions below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.**

- Question No. 33

**Statements:**

Few cans are not tins.

Few tins are not containers.

Few containers are not plates.

**Conclusions:**

I. Some containers are not tins.

II. All cans being plates is a possibility.

III. No plates are tins.

**Options :**

1. Only conclusion I and II follow
2. Only conclusion III follows
3. Only conclusion II follows
4. Only conclusion I and III follow
5. None of these

Answer : Only conclusion II follows

Direction:

In each of the questions below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

- Question No. 34

**Statements:**

All moons are sun.

All sun are stars

Few stars are not planets.

**Conclusions:**

- I. No moons are planets
- II. Some sun being planets is a possibility.
- III. No planets are sun.

**Options :**

- 1. Only conclusion II follows
- 2. Only conclusion I follows
- 3. Only conclusion III follows
- 4. Only conclusion II and III follows
- 5. None of these

Answer : Only conclusion II follows

Direction:

**Study the following and answer the given question.**

Eight persons – Kiran, Radha, Parmod, Ravinder, Rajesh, Gopi, Devi and Rakul consists of a family of three generation such that there are four females and two married couple.

- 1. Devi's mother doesn't have any siblings.
- 2. Pramod's sister in law is mother of Devi.

3. Kiran is father in law of Gopi who is mother of two children.

4. Radha is grandmother of Devi who is niece of Ravinder.

5. Rakul is an unmarried female.

• Question No. 35

How is Devi related to Radha?

**Options :**

1. Daughter
2. Son
3. Granddaughter
4. Either A or B
5. None of these

Answer : Granddaughter

• Question No. 36

What will come in place of question mark (?) in the following series?

KW36 NA17 RF26 ?

**Options :**

1. QL34
2. ZQ40
3. WL37
4. XR39
5. None of these

Answer : WL37

Direction:

**Study the following information carefully and answer the question below:**

Nine boxes – A, B, C, D, E, F, G, H and I are arranged one above another in different shelves numbered 1 to 9 from bottom to top. The lowermost shelf is numbered as 1 and the shelf above 1 is numbered as 2 and so on. All the information is not necessary to be in the same order.

The shelf number and the place value of the alphabet of the box placed in the shelf are not same in any shelves. (E.g. Place value of Box D in alphabet series is 4; so box D is not placed in the shelf numbered 4).

Box F is placed at one of the position below Box E in an even numbered position. Box D is two places above E. Number of boxes above E is as same as the number of boxes below C. Box C is placed at one of the position below E. Three boxes are placed between Box G and I. Box B is placed above A but below H. Not more than three boxes are placed between Box G and Box H.

- Question No. 37

What is the shelf number of A in the following arrangement?

Options :

1. 2nd
2. 7th
3. 3rd
4. 5th
5. None of these

Answer : 3rd

Direction:

**Study the following information carefully and answer the question below:**

Nine boxes – A, B, C, D, E, F, G, H and I are arranged one above another in different shelves numbered 1 to 9 from bottom to top. The lowermost shelf is numbered as 1 and the shelf above 1 is numbered as 2 and so on. All the information is not necessary to be in the same order.

The shelf number and the place value of the alphabet of the box placed in the shelf are not same in any shelves. (E.g. Place value of Box D in alphabet series is 4; so box D is not placed in the shelf numbered 4).

Box F is placed at one of the position below Box E in an even numbered position. Box D is two places above E. Number of boxes above E is as same as the number of boxes below C. Box C is placed at one of the position below



E. Three boxes are placed between Box G and I. Box B is placed above A but below H. Not more than three boxes are placed between Box G and Box H.

• Question No. 38

What is the shelf number of B among the following?

**Options :**

1. 9th
2. 7th
3. 8th
4. 3rd
5. None of these

Answer : 7th

Direction:

**Study the following information carefully and answer the question below:**

Nine boxes – A, B, C, D, E, F, G, H and I are arranged one above another in different shelves numbered 1 to 9 from bottom to top. The lowermost shelf is numbered as 1 and the shelf above 1 is numbered as 2 and so on. All the information is not necessary to be in the same order.

The shelf number and the place value of the alphabet of the box placed in the shelf are not same in any shelves. (E.g. Place value of Box D in alphabet series is 4; so box D is not placed in the shelf numbered 4).

Box F is placed at one of the position below Box E in an even numbered position. Box D is two places above E. Number of boxes above E is as same as the number of boxes below C. Box C is placed at one of the position below E. Three boxes are placed between Box G and I. Box B is placed above A but below H. Not more than three boxes are placed between Box G and Box H.

• Question No. 39

If box H is related to I, D is related to F, then to whom is E related to?

**Options :**

1. B
2. C
3. A
4. Cannot be determined
5. None of these

Answer : C

Direction:

**Study the following information carefully and answer the question below:**

Nine boxes – A, B, C, D, E, F, G, H and I are arranged one above another in different shelves numbered 1 to 9 from bottom to top. The lowermost shelf is numbered as 1 and the shelf above 1 is numbered as 2 and so on. All the information is not necessary to be in the same order.

The shelf number and the place value of the alphabet of the box placed in the shelf are not same in any shelves. (E.g. Place value of Box D in alphabet series is 4; so box D is not placed in the shelf numbered 4).

Box F is placed at one of the position below Box E in an even numbered position. Box D is two places above E. Number of boxes above E is as same as the number of boxes below C. Box C is placed at one of the position below E. Three boxes are placed between Box G and I. Box B is placed above A but below H. Not more than three boxes are placed between Box G and Box H.

- Question No. 40

Find the odd one out?

**Options :**

1. H
2. B
3. G
4. C
5. A

Answer : C

Direction:

What should come in place of the question mark '?' in the following number series?

- Question No. 41

66, 75, 70, 79, ?, 83

**Options :**

1. 74
2. 65
3. 81
4. 72
5. 75

Answer : 74

Direction:

What should come in place of the question mark '?' in the following number series?

- Question No. 42

46, 50, 41, 57, 32, ?

**Options :**

1. 64
2. 58
3. 68
4. 55
5. 62

Answer : 68

Direction:

What should come in place of the question mark '?' in the following number series?

- Question No. 43

13, 20, 46, 109, 233, ?

**Options :**

1. 336
2. 448
3. 298
4. 372
5. 464

Answer : 448

Direction:

What should come in place of the question mark '?' in the following number series?

- Question No. 44

3.5, ?, 21, 84, 420, 2520

**Options :**

1. 6
2. 4.5
3. 9
4. 7
5. 12

Answer : 7

Direction:

What should come in place of the question mark '?' in the following number series?

- Question No. 45

4, 7, 12, 20, 32, ?

**Options :**

- 1. 45
- 2. 42
- 3. 49
- 4. 48
- 5. 54

Answer : 49

Direction:

What should come in place of the question mark '?' in the following number series?

- Question No. 46

7, 4.5, 5.5, 12, ?, 393

Options :

- 1. 15
- 2. 49
- 3. 63
- 4. 83
- 5. 121

Answer : 49

Direction:

**In each of the following questions, two equations (I) and (II) are given. You have to solve both the equations and establish the relation between the two equations.**

- Question No. 47

I.  $2x^2 - 19x + 45 = 0$

II.  $2y^2 - 15y + 28 = 0$

Options :

- 1. If  $x > y$

2. If  $x < y$
3. If  $x \geq y$
4. If  $x \leq y$
5. If  $x=y$  or No relation can be established.

Answer : If  $x > y$

Direction:

**In each of the following questions, two equations (I) and (II) are given. You have to solve both the equations and establish the relation between the two equations.**

- Question No. 48

I.  $2x^2 - 13x + 21 = 0$

II.  $y^2 - 12y + 35 = 0$

Options :

1. If  $x < y$
2. If  $x > y$
3. If  $x \geq y$
4. If  $x \leq y$
5. If  $x=y$  or No relation can be established.

Answer : If  $x < y$

Direction:

**In each of the following questions, two equations (I) and (II) are given. You have to solve both the equations and establish the relation between the two equations.**

- Question No. 49

I.  $x^2 - 9x + 20 = 0$

II.  $2y^2 - 11y + 15 = 0$

Options :

1. If  $x < y$

2. If  $x > y$
3. If  $x \geq y$
4. If  $x \leq y$
5. If  $x=y$  or No relation can be established.

Answer : If  $x > y$

Direction:

**In each of the following questions, two equations (I) and (II) are given. You have to solve both the equations and establish the relation between the two equations.**

- Question No. 50

I.  $2x^2 + 13x + 18 = 0$

II.  $2y^2 + 5y + 2 = 0$

Options :

1. If  $x < y$
2. If  $x > y$
3. If  $x \geq y$
4. If  $x \leq y$
5. If  $x=y$  or No relation can be established.

Answer : If  $x \leq y$

Direction:

**In each of the following questions, two equations (I) and (II) are given. You have to solve both the equations and establish the relation between the two equations.**

- Question No. 51

I.  $x^2 = 16$

II.  $y^3 = 64$

Options :

1. If  $x < y$

2. If  $x > y$
3. If  $x \geq y$
4. If  $x \leq y$
5. If  $x=y$  or No relation can be established.

Answer : If  $x \leq y$

Direction:

**In each of the following questions, two equations (I) and (II) are given. You have to solve both the equations and establish the relation between the two equations.**

- Question No. 52

I.  $2x^2 - 11x + 12 = 0$

II.  $y^2 - 7y + 12 = 0$

Options :

1. If  $x < y$
2. If  $x > y$
3. If  $x \geq y$
4. If  $x \leq y$
5. If  $x=y$  or No relation can be established.

Answer : If  $x=y$  or No relation can be established.

Direction:

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

In the table, data regarding total number of students and total number of students with work experience in four colleges - A, B, C and D is given.

**Note:** Total no. of student = Number of student with work experience + Number of fresher students.



College	Total number of students (Male + Female)	Total number of students with work experience (Male + Female)
A	320	106
B	290	94
C	360	120
D	300	142

- Question No. 53

What is difference between average number of students (M + F) who are fresher in college A and C together and the average number of students (M + F) who have work experience in college B and D together?

**Options :**

1. 133
2. 127
3. 109
4. 90
5. 101

Answer : 109

Direction:

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

In the table, data regarding total number of students and total number of students with work experience in four colleges - A, B, C and D is given.

**Note:** Total no. of student = Number of student with work experience + Number of fresher students.

College	Total number of students (Male + Female)	Total number of students with work experience (Male + Female)
A	320	106
B	290	94
C	360	120
D	300	142

- Question No. 54

Ratio between number of students (M+F) who are fresher in college D and total number of students (M+F) who have work experience in B & C together?

Options :

1. 86:111
2. 79:107
3. 93:100
4. 74:81
5. 79:903

Answer : 79:107

Direction:

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

In the table, data regarding total number of students and total number of students with work experience in four colleges - A, B, C and D is given.

**Note:** Total no. of student = Number of student with work experience + Number of fresher students.

College	Total number of students (Male + Female)	Total number of students with work experience (Male + Female)
A	320	106
B	290	94
C	360	120
D	300	142

- Question No. 55

If number of male (fresher) in college A is 90 and the number of male (work experience) in same college is 52. What total number of female (work experience + fresher) in college A?

**Options :**

1. 224
2. 198
3. 220
4. 186
5. 178

Answer : 178

Direction:

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

In the table, data regarding total number of students and total number of students with work experience in four colleges - A, B, C and D is given.

**Note:** Total no. of student = Number of student with work experience + Number of fresher students.

College	Total number of students (Male + Female)	Total number of students with work experience (Male + Female)
A	320	106
B	290	94
C	360	120
D	300	142

- Question No. 56

If number of female fresher in B is 76 and number of female with work experience are 45% of number of male students who are fresher in same college, what is the total number of male who have work experience in B?

**Options :**

1. 40
2. 24
3. 20
4. 36
5. 18

Answer : 40

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

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:

**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

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. 60

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

• Question No. 61

Ratio of the present age of A and B is 3:4 and the ratio of present age of A and C is 7:8. If the difference between the age of A and C is 6 years, then after 8 years what will be the age of B?

Options :



1. 68 years
2. 52 years
3. 64 years
4. 44 years
5. None of these

Answer : 64 years

• Question No. 62

In village X, number of male is thrice the number of female. Ratio of the male in village X and village Y is 3:4. If the number of female in village Y is 62 and total population in both villages is 686. What is the number of female in village X?

Options :

1. 90
2. 78
3. 120
4. 85
5. None of these

Answer : 78

• Question No. 63

If Pipes A and B can fill a tank in 20 min and 25 min respectively and pipe C empties the tank in 15 min. What will be the time taken by A, B and C together to fill the tank completely?

Options :

1.  $200/7$  min
2.  $134/5$  min
3.  $100/7$  min
4.  $300/7$  min
5. None of these

Answer : 300/7 min

• Question No. 64

A shopkeeper gave 20% discount on the MP of an article thus earning a profit of Rs. 600. Had he sold the article at 30% discount, he would have earned 420 as profit. What was the MP of article?

**Options :**

1. 1600
2. 1900
3. 1700
4. 1100
5. 1800

Answer : 1800

• Question No. 65

If a person invested 5000 at T% S.I for 3 year and same amount at  $(T + 3)\%$  SI for 2 year and difference between both interest is Rs. 300, then find T (in %).

**Options :**

1. 10
2. 12
3. 15
4. 20
5. 25

Answer : 12

• Question No. 66

If a boat travels 35 km more in downstream than in upstream in 5 hr and if the speed of the boat in still water is 25 km/hr, then find the distance travelled by boat in downstream in 4 hr?

**Options :**

1. 116
2. 122
3. 114
4. 100
5. None of these

Answer : 114

• Question No. 67

If Anil invested Rs. 15,000 at some rate of interest of S.I and Ashish joined him after 4 months investing Rs. 20,000 at same rate of interest. If Anil leaves before 3 months of completion, then what will be the share of Ashish's profit after 1 year if total profit is Rs. 23600?

**Options :**

1. 10500
2. 14800
3. 12800
4. 18000
5. 11600

Answer : 12800

• Question No. 68

There are 4 red, 5 black and 3 green balls in a bag. Out of these balls, four balls are picked at random from the bag. What is the probability that one is red, two are black and one is green ball?

**Options :**

1. 15/23
2. 7/18
3. 12/17

4. 8/33

5. 11/56

Answer : 8/33

- Question No. 69

Train X crosses a platform of 280 m at a speed of 108 km/hr in 20 second and Train Y crosses the same platform at speed of 126 km/hr in 15 second. Find the length of another train?

**Options :**

1. 123

2. 218

3. 327

4. 233

5. 245

Answer : 245

- Question No. 70

A vessel contains 65 litres mixture of milk and water, in which milk is 4 times than the water. 15 litres mixture is taken out and 35 litres pure water is added, then what is difference between the quantity of water and milk in the final mixture?

**Options :**

1. 5 litres

2. 7 litres

3. 2 litres

4. 4 litres

5. 1 litre

Answer : 5 litres

- Question No. 71

A project requires 10 women to complete it in 12 days, 10 women started working and after a few days from the start of the project 4 women left. If the remaining project was completed in 16 days, then in how many days the whole project was completed.

**Options :**

1. 20 days
2. 15.2 days
3. 13 days
4. 18.4 days
5. None of these

Answer : 18.4 days

- Question No. 72

Ratio between the Circumference of a circle to the perimeter of a square is 8:3. Sum of the radius of the circle and one side of the square is 178 meter. Find the area of the square.

**Options :**

1. 4356
2. 4164
3. 4150
4. 4246
5. None of these

Answer : 4356

Direction:

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

- Question No. 73

$$(5.01)^2 + (2.01)^2 \times 13.01 = ? - 12.99$$

**Options :**

- 1. 73
- 2. 90
- 3. 69
- 4. 83
- 5. 100

Answer : 90

Direction:

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

- Question No. 74

$$5.01 \times 5.99 + 5.09 \times 5.12 + 5.01 = ?$$

**Options :**

- 1. 70
- 2. 90
- 3. 60
- 4. 80
- 5. 100

Answer : 60

Direction:

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

- Question No. 75

$$11.99/5.99 \times 19.99 + 43.01 = ?$$

**Options :**

- 1. 76
- 2. 55
- 3. 63
- 4. 83
- 5. 97

Answer : 83

Direction:

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

- Question No. 76

$$(9.01)^2 + 6.99 - (4.99)^2 = ? + (7.01)^2$$

Options :

- 1. 6
- 2. 14
- 3. 23
- 4. 18
- 5. 31

Answer : 14

Direction:

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

- Question No. 77

$$10.99 \times 3.99 + 1.99 \times (11.99)^2 = ?$$

Options :

- 1. 162
- 2. 224
- 3. 332

4. 318

5. 231

Answer : 332

Direction:

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

- Question No. 78

$$14.01 - (16.01)^2 \div 64 = ?$$

Options :

1. 20

2. 30

3. 5

4. 18

5. 10

Answer : 10

Direction:

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

- Question No. 79

$$1538.99 \div 19.01 \div 8.97 = ?$$

Options :

1. 27

2. 21

3. 9

4. 18

5. 11

Answer : 9



Direction:

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

- Question No. 80

$$(3/4) \text{ of } (5.99)^2 \times 2.03 = ? \div 20.12$$

Options :

1. 1200
2. 2100
3. 1096
4. 1080
5. 1010

Answer : 1080

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