

Direction:

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

Seven persons A, B, C, D, E, F and G are sitting in a row facing north direction. Each of them like different fruits among Banana, Mango, Pear, Orange, Apple, Kiwi and Papaya. B sits third to the left of A, who likes Orange. D is two places away from B. A sits adjacent to one, who sits at extreme end. C sits immediate left of G. Person, who likes Banana, sits second to the left of one, who likes Pear and neither of them sits at extreme end. Person adjacent to D likes Apple fruit. F likes Papaya fruit. There is at least one person between the persons, who like Mango and Kiwi.

• Question No. 1

Which of the following statements is correct?

Options :

1. D sits immediate right of E
2. G sits at one of the extreme ends.
3. B likes Banana
4. F sits adjacent to C
5. All of the above

Answer : B likes Banana

Direction:

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

Seven persons A, B, C, D, E, F and G are sitting in a row facing north direction. Each of them like different fruits among Banana, Mango, Pear, Orange, Apple, Kiwi and Papaya. B sits third to the left of A, who likes Orange. D is two places away from B. A sits adjacent to one, who sits at extreme end. C sits immediate left of G. Person, who likes Banana, sits second to the left of one, who likes Pear and neither of them sits at extreme end. Person adjacent to D likes Apple fruit. F likes Papaya fruit. There is at least one person between the persons, who like Mango and Kiwi.

• Question No. 2

Who sits second to the right of C?

**Options :**

1. A
2. One, who likes Papaya
3. One, who likes Banana
4. B
5. D

Answer : A

Direction:

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

Seven persons A, B, C, D, E, F and G are sitting in a row facing north direction. Each of them like different fruits among Banana, Mango, Pear, Orange, Apple, Kiwi and Papaya. B sits third to the left of A, who likes Orange. D is two places away from B. A sits adjacent to one, who sits at extreme end. C sits immediate left of G. Person, who likes Banana, sits second to the left of one, who likes Pear and neither of them sits at extreme end. Person adjacent to D likes Apple fruit. F likes Papaya fruit. There is at least one person between the persons, who like Mango and Kiwi.

- Question No.3

E likes \_\_\_\_\_ fruit.

**Options :**

1. Kiwi
2. Mango
3. Apple
4. Banana
5. Papaya

Answer : Apple

Direction:

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

Seven persons A, B, C, D, E, F and G are sitting in a row facing north direction. Each of them like different fruits among Banana, Mango, Pear, Orange, Apple, Kiwi and Papaya. B sits third to the left of A, who likes Orange. D is two places away from B. A sits adjacent to one, who sits at extreme end. C sits immediate left of G. Person, who likes Banana, sits second to the left of one, who likes Pear and neither of them sits at extreme end. Person adjacent to D likes Apple fruit. F likes Papaya fruit. There is at least one person between the persons, who like Mango and Kiwi.

- Question No. 4

How many persons sit to the left of F?

**Options :**

1. Five
2. Six
3. Two
4. Four
5. None of the above

Answer : Six

Direction:

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

Seven persons A, B, C, D, E, F and G are sitting in a row facing north direction. Each of them like different fruits among Banana, Mango, Pear, Orange, Apple, Kiwi and Papaya. B sits third to the left of A, who likes Orange. D is two places away from B. A sits adjacent to one, who sits at extreme end. C sits immediate left of G. Person, who likes Banana, sits second to the left of one, who likes Pear and neither of them sits at extreme end. Person adjacent to D likes Apple fruit. F likes Papaya fruit. There is at least one person between the persons, who like Mango and Kiwi.

- Question No. 5

Who among the following likes Mango?

**Options :**

1. C
2. B
3. E
4. D
5. Cannot be determined

Answer : Cannot be determined

Direction:

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

Fourteen persons J, K, L, M, N, O, P, R, S, T, U, V, W, and X are sitting in two parallel rows equidistant from each other such that seven persons sit in each row but not necessarily in the same order. J, K, L, M, N, O, and P are sitting in Row 1 and they are facing north direction whereas R, S, T, U, V, W, and X are sitting in Row 2 and they are facing south direction but not necessarily in the same order. The person sitting in Row 1 sits opposite to the persons sitting in Row 2.

**Note:** No two persons with names starting with consecutive alphabets sit adjacent to each other. E.g., - 'P' cannot sit adjacent to 'Q' and 'Q' cannot sit adjacent to 'P' and 'R' in a row. This rule applies to all the persons sitting in Row 1 as well as Row 2.

Only two persons sit between V and U. The one, who sits opposite to U, sits second to the left of K. W sits opposite to N. Only two persons sit between W and R. X sits opposite to O. T does not sit opposite to either K or M. Only one person sits between M and J and one of them sits at one of the ends of the row. The one, who sits opposite to J, sits third to the right of V.

- Question No. 6

What is the position of U with respect to the one who sits opposite to M?

**Options :**

1. 3rd to the left
2. 4th to the left
3. Immediate left
4. Immediate right

5. None of the above

Answer : None of the above

Direction:

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

Fourteen persons J, K, L, M, N, O, P, R, S, T, U, V, W, and X are sitting in two parallel rows equidistant from each other such that seven persons sit in each row but not necessarily in the same order. J, K, L, M, N, O, and P are sitting in Row 1 and they are facing north direction whereas R, S, T, U, V, W, and X are sitting in Row 2 and they are facing south direction but not necessarily in the same order. The person sitting in Row 1 sits opposite to the persons sitting in Row 2.

**Note:** No two persons with names starting with consecutive alphabets sit adjacent to each other. E.g., - 'P' cannot sit adjacent to 'Q' and 'Q' cannot sit adjacent to 'P' and 'R' in a row. This rule applies to all the persons sitting in Row 1 as well as Row 2.

Only two persons sit between V and U. The one, who sits opposite to U, sits second to the left of K. W sits opposite to N. Only two persons sit between W and R. X sits opposite to O. T does not sit opposite to either K or M. Only one person sits between M and J and one of them sits at one of the ends of the row. The one, who sits opposite to J, sits third to the right of V.

- Question No.7

Who sits opposite to one, who is sixth to the right of T?

**Options :**

1. The one, who sits opposite to R
2. The one, who sits opposite to S
3. The one, who sits opposite to X
4. The one, who sits opposite to U
5. None of the above

Answer : The one, who sits opposite to R

Direction:

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

Fourteen persons J, K, L, M, N, O, P, R, S, T, U, V, W, and X are sitting in two parallel rows equidistant from each other such that seven persons sit in each row but not necessarily in the same order. J, K, L, M, N, O, and P are sitting in Row 1 and they are facing north direction whereas R, S, T, U, V, W, and X are sitting in Row 2 and they are facing south direction but not necessarily in the same order. The person sitting in Row 1 sits opposite to the persons sitting in Row 2.

**Note:** No two persons with names starting with consecutive alphabets sit adjacent to each other. E.g., - 'P' cannot sit adjacent to 'Q' and 'Q' cannot sit adjacent to 'P' and 'R' in a row. This rule applies to all the persons sitting in Row 1 as well as Row 2.

Only two persons sit between V and U. The one, who sits opposite to U, sits second to the left of K. W sits opposite to N. Only two persons sit between W and R. X sits opposite to O. T does not sit opposite to either K or M. Only one person sits between M and J and one of them sits at one of the ends of the row. The one, who sits opposite to J, sits third to the right of V.

- Question No. 8

Who sits opposite to V?

**Options :**

1. O
2. K
3. P
4. L
5. None of the above

Answer : P

Direction:

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

Fourteen persons J, K, L, M, N, O, P, R, S, T, U, V, W, and X are sitting in two parallel rows equidistant from each other such that seven persons sit in each row but not necessarily in the same order. J, K, L, M, N, O, and P are sitting in Row 1 and they are facing north direction whereas R, S, T, U, V, W, and X are sitting in Row 2 and they are facing south direction but not necessarily in the same order. The person sitting in Row 1 sits opposite to the persons sitting in Row 2.

**Note:** No two persons with names starting with consecutive alphabets sit adjacent to each other. E.g., - 'P' cannot sit adjacent to 'Q' and 'Q' cannot sit adjacent to 'P' and 'R' in a row. This rule applies to all the persons sitting in Row 1 as well as Row 2.

Only two persons sit between V and U. The one, who sits opposite to U, sits second to the left of K. W sits opposite to N. Only two persons sit between W and R. X sits opposite to O. T does not sit opposite to either K or M. Only one person sits between M and J and one of them sits at one of the ends of the row. The one, who sits opposite to J, sits third to the right of V.

• Question No. 9

How many persons sit between the one, who sits opposite to R and T?

**Options :**

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

Answer : Five

Direction:

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

Fourteen persons J, K, L, M, N, O, P, R, S, T, U, V, W, and X are sitting in two parallel rows equidistant from each other such that seven persons sit in each row but not necessarily in the same order. J, K, L, M, N, O, and P are sitting in Row 1 and they are facing north direction whereas R, S, T, U, V, W, and X are sitting in Row 2 and they are facing south direction but not necessarily in the same order. The person sitting in Row 1 sits opposite to the persons sitting in Row 2.

**Note:** No two persons with names starting with consecutive alphabets sit adjacent to each other. E.g., - 'P' cannot sit adjacent to 'Q' and 'Q' cannot sit adjacent to 'P' and 'R' in a row. This rule applies to all the persons sitting in Row 1 as well as Row 2.

Only two persons sit between V and U. The one, who sits opposite to U, sits second to the left of K. W sits opposite to N. Only two persons sit between W and R. X sits opposite to O. T does not sit opposite to either K or M. Only one person sits between M and J and one of them sits at one of the ends of the row. The one, who sits opposite to J, sits third to the right of V.

• Question No. 10

Which of the following statements is/are correct?

- I. N sits immediate right of K.
- II. Only one person sits between S and T.
- III. Four persons sit between S and R.

Options :

1. Only I is correct
2. Only II is correct
3. Only III is correct
4. Only I and II are correct
5. All I, II and III are Correct

Answer : Only II is correct

Direction:

**Answer the following question based on the information given below.**

In a certain code language,

'keep age mind best' is coded as 'tsw, zmx, iow, oaq'.

'brain age defying way' is coded as 'mzx, tsw, yhw, uaw'.

'mind young defying' is coded as 'iow, ose, yhw'.

'way healthy best' is coded as 'uaw, asz, oaq'.

• Question No. 11



How is 'keep' coded as in the given language?

**Options :**

1. ose
2. asz
3. zmx
4. mzx
5. None of the above

Answer : zmx

Direction:

**Answer the following question based on the information given below.**

In a certain code language,

'keep age mind best' is coded as 'tsw, zmx, iow, oaq'.

'brain age defying way' is coded as 'mzx, tsw, yhw, uaw'.

'mind young defying' is coded as 'iow, ose, yhw'.

'way healthy best' is coded as 'uaw, asz, oaq'.

- Question No. 12

Which of the following is coded as 'tsw, uaw' in the given language?

**Options :**

1. healthy age
2. mind defying
3. young age
4. age way
5. way defying

Answer : age way

Direction:

Answer the following question based on the information given below.

In a certain code language,

'keep age mind best' is coded as 'tsw, zmx, iow, oaq'.

'brain age defying way' is coded as 'mzx, tsw, yhw, uaw'.

'mind young defying' is coded as 'iow, ose, yhw'.

'way healthy best' is coded as 'uaw, asz, oaq'.

• Question No. 13

How is 'brain' coded in the given language?

Options :

1. ose
2. asz
3. zmx
4. mzx
5. None of the above

Answer : mzx

Direction:

Answer the following question based on the information given below.

In a certain code language,

'keep age mind best' is coded as 'tsw, zmx, iow, oaq'.

'brain age defying way' is coded as 'mzx, tsw, yhw, uaw'.

'mind young defying' is coded as 'iow, ose, yhw'.

'way healthy best' is coded as 'uaw, asz, oaq'.

• Question No. 14

Which of the following is coded as 'oaq, zmx' in the given language?

**Options :**

1. best age
2. keep best
3. healthy mind
4. best young
5. None of the above

Answer : keep best

Direction:

**Answer the following question based on the information given below.**

In a certain code language,

'keep age mind best' is coded as 'tsw, zmx, iow, oaq'.

'brain age defying way' is coded as 'mzx, tsw, yhw, uaw'.

'mind young defying' is coded as 'iow, ose, yhw'.

'way healthy best' is coded as 'uaw, asz, oaq'.

- Question No. 15

How is 'healthy young' coded as in the given language?

**Options :**

1. asz, iow
2. oaq, uaw
3. yhw, tsw
4. ose, asz
5. None of the above

Answer : ose, asz

Direction:

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

- Question No. 16

Statements:  $A = G \geq I$ ;  $D \leq H = J$

Conclusions:

I.  $F > C$

II.  $H > I$

III. B

Options :

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

Answer : Only conclusions I and II are true

Direction:

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

- Question No. 17

Statements:  $T > U \geq V$ ;  $W \geq X > Y > Z$

Conclusions:

I.  $T > Z$

II.  $V \geq Y$

III.  $U \geq X$

**Options :**

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

Answer : Only conclusion I is true

Direction:

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

- Question No. 18

Statements:  $1 > 2 \geq 3 = 4$

Conclusions:

I.  $2 \geq 10$

II. 3

III.  $6 > 11$

**Options :**

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

Answer : Only conclusions I and III are true

- Question No. 19

How many pairs of digits are there in the number '68397562' which has as many digits between them in the number (both forward and backward) as in the number series?

**Options :**

1. Six
2. Three
3. Four
4. Five
5. More than Six

Answer : Four

- Question No. 20

If it is possible to make a meaningful four letters English word using 1<sup>st</sup>, 4<sup>th</sup>, 6<sup>th</sup> and 10<sup>th</sup> letters of the word 'MANAGEMENT' from the left end, then what will be the 3<sup>rd</sup> 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. E
2. M
3. T
4. Y
5. X

Answer : Y

Direction:

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

M, C, P, L, D, N, A, E, O, and B live in a five-floored building but not necessarily in the same order. The bottommost floor is numbered 1, the floor just above it is numbered 2 and so on up to the topmost floor i.e., numbered 5. There are two flats on each of the five floors i.e. Flat X and Flat Y.

**(Note - Flat X is to the west of Flat Y.)**

Only one floor between A and C, who lives northeast of P. N lives above D but does not live above B. Both B and D live in the same flat. No one lives to the west of L. Both M and E don't live in the same numbered flat. L and A live on the same numbered floor, but not immediately above or immediately below the floor on which O lives. M lives three floors above E, who lives southeast of O, who lives on an even-numbered floor. Both M and E don't live in the same flat.

• Question No. 21

Find the incorrect match.

Options :

1. P – E
2. O – D
3. N – C
4. M – B
5. L – E

Answer : L - E

Direction:

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

M, C, P, L, D, N, A, E, O, and B live in a five-floored building but not necessarily in the same order. The bottommost floor is numbered 1, the floor just above it is numbered 2 and so on up to the topmost floor i.e., numbered 5. There are two flats on each of the five floors i.e. Flat X and Flat Y.

**(Note - Flat X is to the west of Flat Y.)**

Only one floor between A and C, who lives northeast of P. N lives above D but does not live above B. Both B and D live in the same flat. No one lives to the west of L. Both M and E don't live in the same numbered flat. L and A live on the same numbered floor, but not immediately above or immediately below the floor on which O lives. M lives three floors above E, who lives southeast of O, who lives on an even-numbered floor. Both M and E don't live in the same flat.

• Question No. 22

Find the odd one out.

**Options :**

1. P
2. C
3. L
4. N
5. B

Answer : B

Direction:

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

M, C, P, L, D, N, A, E, O, and B live in a five-floored building but not necessarily in the same order. The bottommost floor is numbered 1, the floor just above it is numbered 2 and so on up to the topmost floor i.e., numbered 5. There are two flats on each of the five floors i.e. Flat X and Flat Y.

**(Note** - Flat X is to the west of Flat Y.)

Only one floor between A and C, who lives northeast of P. N lives above D but does not live above B. Both B and D live in the same flat. No one lives to the west of L. Both M and E don't live in the same numbered flat. L and A live on the same numbered floor, but not immediately above or immediately below the floor on which O lives. M lives three floors above E, who lives southeast of O, who lives on an even-numbered floor. Both M and E don't live in the same flat.

- Question No. 23

Who among the following lives immediately below M and Immediately above O, in the same flat number?

**Options :**

1. N
2. B
3. C
4. L



5. P

Answer : N

Direction:

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

M, C, P, L, D, N, A, E, O, and B live in a five-floored building but not necessarily in the same order. The bottommost floor is numbered 1, the floor just above it is numbered 2 and so on up to the topmost floor i.e., numbered 5. There are two flats on each of the five floors i.e. Flat X and Flat Y.

**(Note - Flat X is to the west of Flat Y.)**

Only one floor between A and C, who lives northeast of P. N lives above D but does not live above B. Both B and D live in the same flat. No one lives to the west of L. Both M and E don't live in the same numbered flat. L and A live on the same numbered floor, but not immediately above or immediately below the floor on which O lives. M lives three floors above E, who lives southeast of O, who lives on an even-numbered floor. Both M and E don't live in the same flat.

- Question No. 24

Who among the following lives above B but not in the same flat?

**Options :**

1. A
2. O
3. E
4. L
5. D

Answer : L

Direction:

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

M, C, P, L, D, N, A, E, O, and B live in a five-floored building but not necessarily in the same order. The bottommost floor is numbered 1, the floor just above it is numbered 2 and so on up to the topmost floor i.e., numbered 5. There are two flats on each of the five floors i.e. Flat X and Flat Y.

(Note - Flat X is to the west of Flat Y.)

Only one floor between A and C, who lives northeast of P. N lives above D but does not live above B. Both B and D live in the same flat. No one lives to the west of L. Both M and E don't live in the same numbered flat. L and A live on the same numbered floor, but not immediately above or immediately below the floor on which O lives. M lives three floors above E, who lives southeast of O, who lives on an even-numbered floor. Both M and E don't live in the same flat.

- Question No. 25

Who among the following sits nearest Southwest of C?

Options :

1. P
2. A
3. E
4. N
5. O

Answer : O

Direction:

Answer the questions based on the information given below:

Seven persons R, S, T, U, V, W and X have different heights and different weights. T is taller than S but shorter than W. U is shorter than S but taller than V. The third shortest person is just lighter than the second shortest person. V is not the shortest person. R is taller than S but not the tallest. R is heavier than T but not just heavier than T. Equal number of persons is heavier and lighter than the tallest person. The shortest person is heavier than the tallest person but he is not the heaviest. S is lighter than U but heavier than the second tallest person.

- Question No. 26

\_\_\_\_\_ is the second tallest person and \_\_\_\_\_ is the third lightest person.

Options :

1. R, T
2. T, R
3. R, X
4. T, U
5. None of the above

Answer : T, R

Direction:

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

Seven persons R, S, T, U, V, W and X have different heights and different weights. T is taller than S but shorter than W. U is shorter than S but taller than V. The third shortest person is just lighter than the second shortest person. V is not the shortest person. R is taller than S but not the tallest. R is heavier than T but not just heavier than T. Equal number of persons is heavier and lighter than the tallest person. The shortest person is heavier than the tallest person but he is not the heaviest. S is lighter than U but heavier than the second tallest person.

- Question No. 27

Who among the following person/persons are heavier than the fourth shortest persons?

I. R

II. T

III. W

**Options :**

1. Only II
2. Only I and II
3. Only I and III
4. Only II and III
5. Only III

Answer : Only I and III

Direction:

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

Seven persons R, S, T, U, V, W and X have different heights and different weights. T is taller than S but shorter than W. U is shorter than S but taller than V. The third shortest person is just lighter than the second shortest person. V is not the shortest person. R is taller than S but not the tallest. R is heavier than T but not just heavier than T. Equal number of persons is heavier and lighter than the tallest person. The shortest person is heavier than the tallest person but he is not the heaviest. S is lighter than U but heavier than the second tallest person.

• Question No. 28

How many persons are shorter than the second heaviest person?

**Options :**

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

Answer : Two

Direction:

**In the question below there are some statements followed by some conclusions. You have to take the three given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions definitely follows from the three statements disregarding commonly known facts.**

• Question No. 29

Statements:

Only a few Nutrition is Carb.

Some Carb are Fat.

No Carb is Protein.

Conclusions:

I. Some Nutrition are not Fat.

II. All Protein being Nutrition is a possibility.

**Options :**

1. Only conclusion I follows
2. Both conclusions I and II follow
3. Neither conclusion I nor II follow
4. Either conclusion I or II follows
5. Only conclusion II follows

Answer : Only conclusion II follows

Direction:

**In the question below there are some statements followed by some conclusions. You have to take the three given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions definitely follows from the three statements disregarding commonly known facts.**

- Question No. 30

Statements:

Few Definitions are Passage.

All Paragraphs are Novel.

No Novel is a Definitions.

Conclusion:

I. Some Novel can be Passage.

II. Some Paragraphs can be Definitions.

**Options :**

1. Only conclusion I follows
2. Both conclusions I and II follow
3. Neither conclusion I nor II follow
4. Either conclusion I or II follows
5. Only conclusion II follows

Answer : Only conclusion I follows

Direction:

**In the question below there are some statements followed by some conclusions. You have to take the three given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions definitely follows from the three statements disregarding commonly known facts.**

- Question No. 31

Statements:

Only a few Years are Months.

All Months are Days.

Few Years are Week.

Conclusion:

I. All Years can be Months.

II. Some Days are Years.

Options :

1. Only conclusion I follows
2. Both conclusions I and II follow
3. Neither conclusion I nor II follow
4. Either conclusion I or II follows
5. Only conclusion II follows

Answer : Only conclusion II follows

Direction:

**In the question below there are some statements followed by some conclusions. You have to take the three given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions definitely follows from the three statements disregarding commonly known facts.**

- Question No. 32

Statements:

Some Oranges are Apples.

Some Apples are Bananas.

Some Oranges are Pears.

Conclusion:

I. Some Bananas are Oranges.

II. Some Pears can be Apples.

**Options :**

1. Only conclusion II follows
2. Both conclusions I and II follow
3. Neither conclusion I nor II follow
4. Either conclusion I or II follows
5. Only conclusion I follows

Answer : Only conclusion II follows

Direction:

Answer the questions based on the information given below.

There are eight members (R, S, T, U, V, W, X and Y) in a family, which consists of three generations. No single person in the family is a parent. V's father-in-law's mother's daughter is Y. X is daughter of R, who doesn't have son. R is not a male member. T is sister-in-law of V. S, who is not a male member, is not mother of U.

- Question No. 33

How is Y's brother related to mother-in-law of V?

**Options :**

1. Father
2. Husband
3. Brother
4. Brother-in-law

5. None of the above

Answer : Husband

Direction:

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

There are eight members (R, S, T, U, V, W, X and Y) in a family, which consists of three generations. No single person in the family is a parent. V's father-in-law's mother's daughter is Y. X is daughter of R, who doesn't have son. R is not a male member. T is sister-in-law of V. S, who is not a male member, is not mother of U.

- Question No. 34

How is U related to T?

Options :

1. Grandson
2. Granddaughter
3. Grandmother
4. Grandfather
5. None of the above

Answer : Grandfather

Direction:

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

There are eight members (R, S, T, U, V, W, X and Y) in a family, which consists of three generations. No single person in the family is a parent. V's father-in-law's mother's daughter is Y. X is daughter of R, who doesn't have son. R is not a male member. T is sister-in-law of V. S, who is not a male member, is not mother of U.

- Question No. 35

How is father of X related to R's sister-in-law?

Options :

1. Son



2. Nephew
3. Uncle
4. Brother
5. None of the above

Answer : Brother

Direction:

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

Nine person Qyen, Dang, Jin, Sian, Xim, Hyat, Zak, Kim and Kyan enrolled in a judo class on same date of different months of February, April, May, June, July, August, September, October and November of the same year 2024, not necessarily in the same order.

Xim enrolls at least three months after Sian. Number of person enrolled before Dang is equal to the number of person enrolled after Sian. Kim does not enrolled in June. Two person enrolled between Kim and Dang. Hyat doesn't enrolled in July. Kyan enrolls two months after Kim who doesn't enrolled in any of the months having more than 30 days. Jin enrolls immediately before Zak.

- Question No. 36

Find the **odd** one out.

**Options :**

1. Hyat
2. Qyen
3. Sian
4. Zak
5. Xim

Answer : Xim

Direction:

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

Nine person Qyen, Dang, Jin, Sian, Xim, Hyat, Zak, Kim and Kyan enrolled in a judo class on same date of different months of February, April, May, June, July, August, September, October and November of the same year 2024, not

necessarily in the same order.

Xim enrolls at least three months after Sian. Number of person enrolled before Dang is equal to the number of person enrolled after Sian. Kim does not enrolled in June. Two person enrolled between Kim and Dang. Hyat doesn't enrolled in July. Kyan enrolls two months after Kim who doesn't enrolled in any of the months having more than 30 days. Jin enrolls immediately before Zak.

- Question No. 37

How many person enroll between April and October?

**Options :**

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

Answer : Five

Direction:

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

Nine person Qyen, Dang, Jin, Sian, Xim, Hyat, Zak, Kim and Kyan enrolled in a judo class on same date of different months of February, April, May, June, July, August, September, October and November of the same year 2024, not necessarily in the same order.

Xim enrolls at least three months after Sian. Number of person enrolled before Dang is equal to the number of person enrolled after Sian. Kim does not enrolled in June. Two person enrolled between Kim and Dang. Hyat doesn't enrolled in July. Kyan enrolls two months after Kim who doesn't enrolled in any of the months having more than 30 days. Jin enrolls immediately before Zak.

- Question No. 38

Who among the following is enrolled just before Dang?

**Options :**

1. Hyat
2. Kim
3. ZaK
4. Kyan
5. Qyen

Answer : Hyat

Direction:

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

Nine person Qyen, Dang, Jin, Sian, Xim, Hyat, Zak, Kim and Kyan enrolled in a judo class on same date of different months of February, April, May, June, July, August, September, October and November of the same year 2024, not necessarily in the same order.

Xim enrolls at least three months after Sian. Number of person enrolled before Dang is equal to the number of person enrolled after Sian. Kim does not enrolled in June. Two person enrolled between Kim and Dang. Hyat doesn't enrolled in July. Kyan enrolls two months after Kim who doesn't enrolled in any of the months having more than 30 days. Jin enrolls immediately before Zak.

- Question No. 39

Which of the person has equal number of enrolments before and after him?

**Options :**

1. Hyat
2. Kim
3. Kyan
4. Dang
5. Qyen

Answer : Qyen

Direction:

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

Nine person Qyen, Dang, Jin, Sian, Xim, Hyat, Zak, Kim and Kyan enrolled in a judo class on same date of different months of February, April, May, June, July, August, September, October and November of the same year 2024, not necessarily in the same order.

Xim enrolls at least three months after Sian. Number of person enrolled before Dang is equal to the number of person enrolled after Sian. Kim does not enrolled in June. Two person enrolled between Kim and Dang. Hyat doesn't enrolled in July. Kyan enrolls two months after Kim who doesn't enrolled in any of the months having more than 30 days. Jin enrolls immediately before Zak.

• Question No. 40

Which of person enrolls in the month having least number of days?

Options :

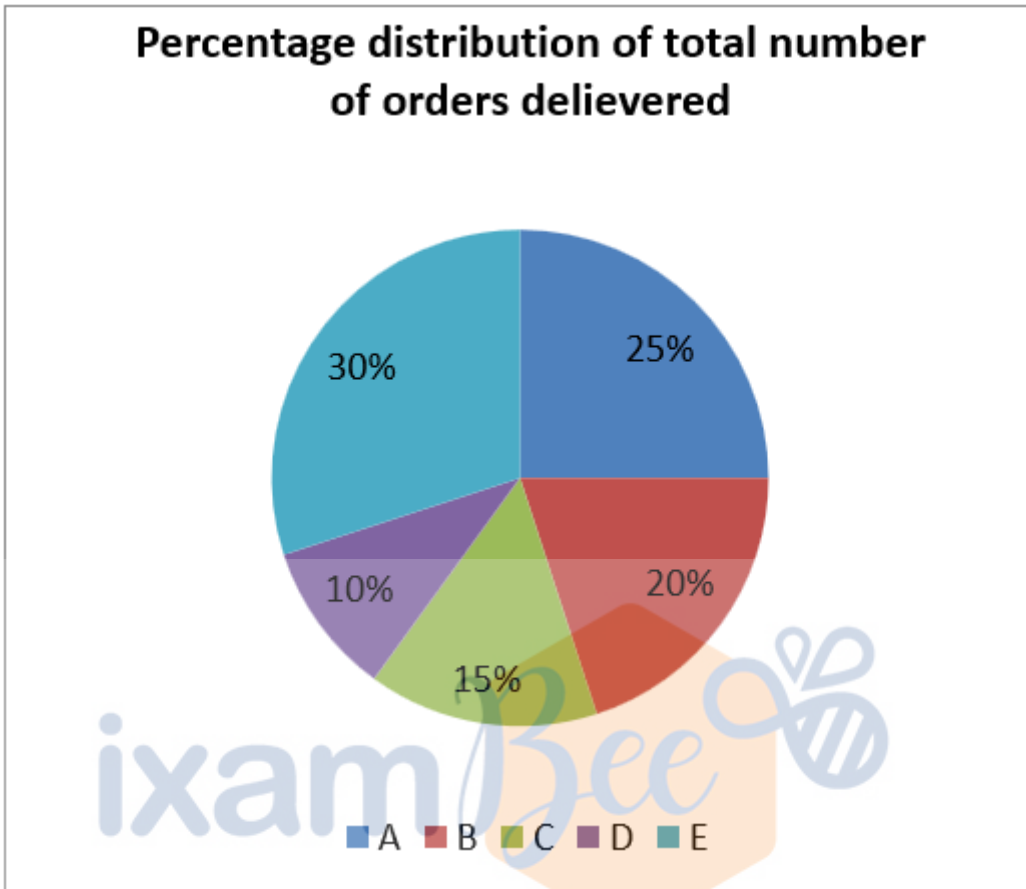
1. Hyat
2. Kim
3. Kyan
4. Dang
5. Qyen

Answer : Kim

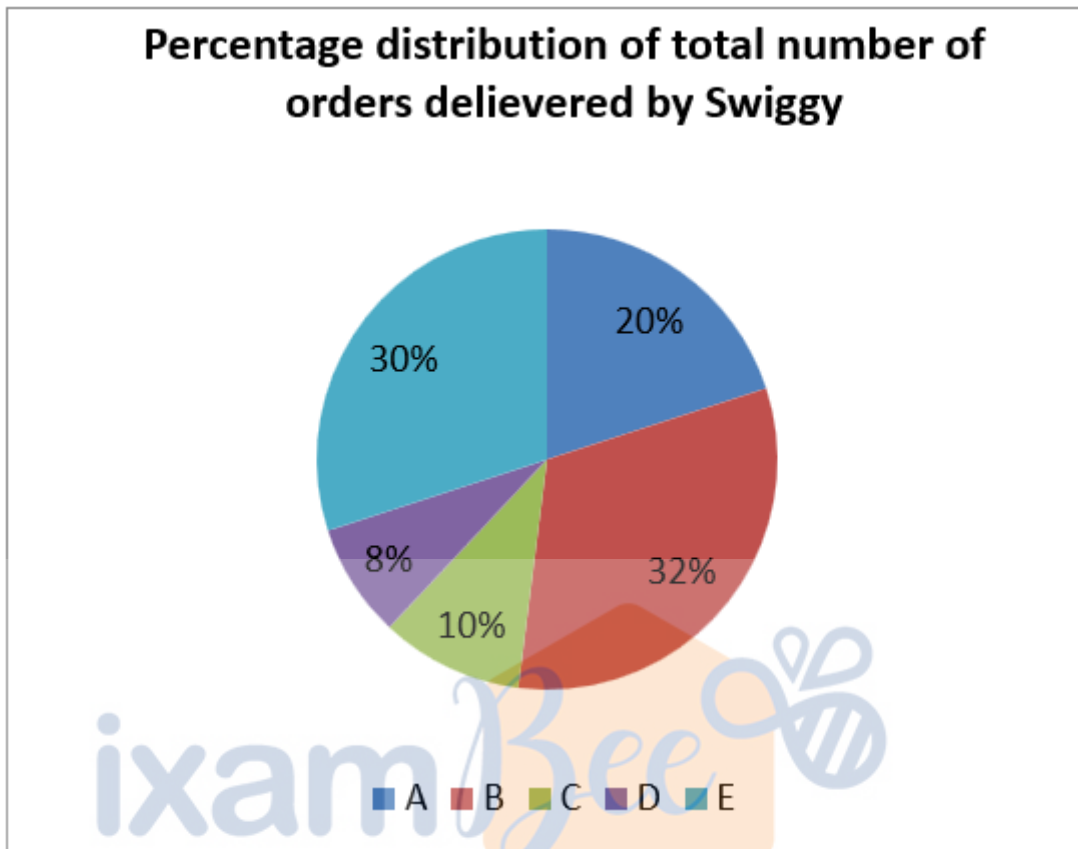
Direction:

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

The pie chart shows the percentage of total number of food items delivered by Swiggy & Zomato by five different restraunts.



The pie chart shows the percentage of total number of food items delivered by Swiggy from five different restaurants.



Note:

a) Total number of food items delivered by Swiggy and Zomato from restaurant 'C' is 375.

b) Total number of food items delivered by Swiggy from restaurant 'B' is 400.

• Question No. 41

Number of food items delivered by Swiggy from restaurant 'D' is how much percent more or less than the food items delivered by Zomato from restaurant 'B'?

Options :

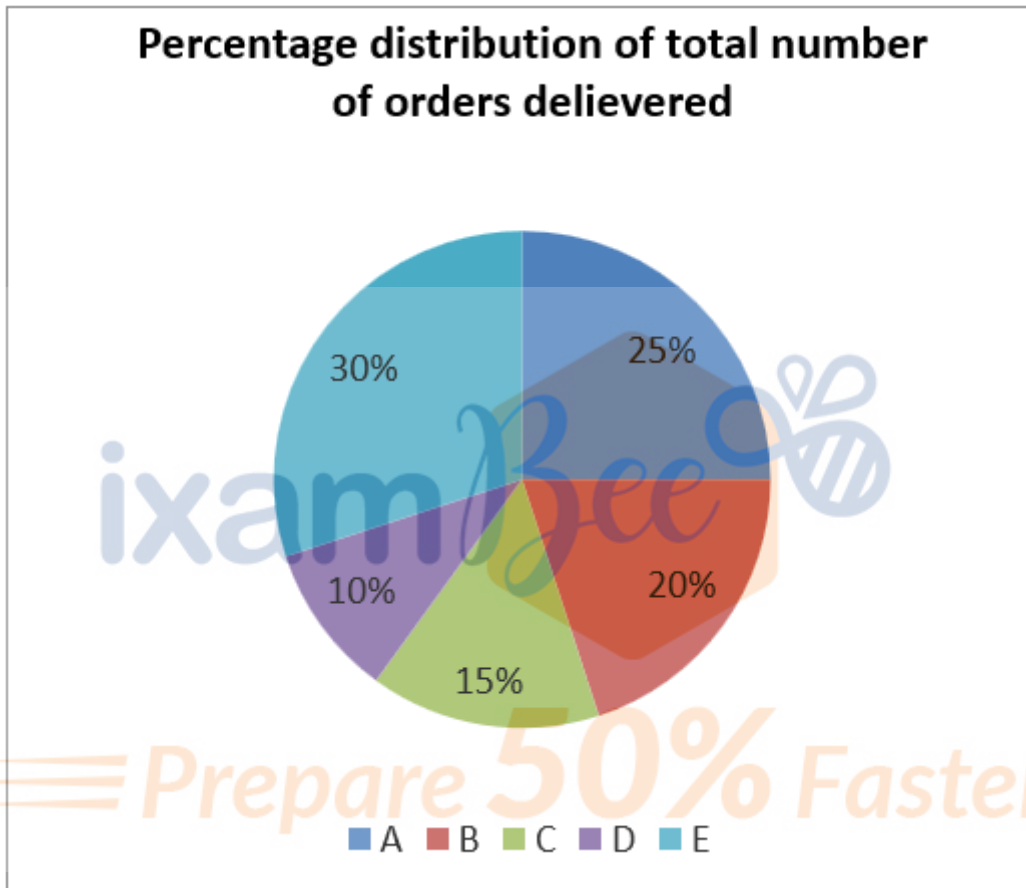
1. 10%
2. 5%
3. 2%
4. 0%
5. None of these

Answer : 0%

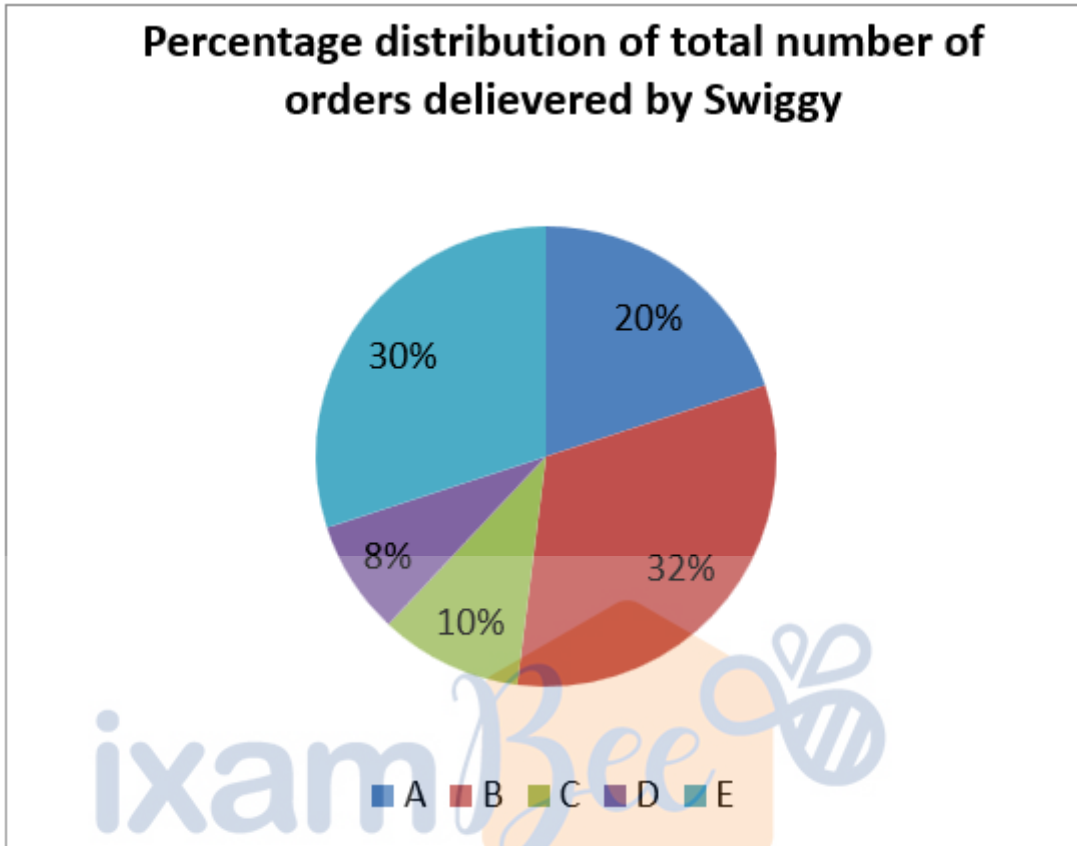
Direction:

Answer the questions based on the information given below.

The pie chart shows the percentage of total number of food items delivered by Swiggy & Zomato by five different restraurants.



The pie chart shows the percentage of total number of food items delivered by Swiggy from five different restraurants.



**Note:**

a) Total number of food items delivered by Swiggy and Zomato from restaurant 'C' is 375.

b) Total number of food items delivered by Swiggy from restaurant 'B' is 400.

• Question No. 42

Find the average number of food items delivered by Zomato from 'A', 'D' and 'E', together.

**Options :**

1. 250
2. 300
3. 250
4. 185
5. None of these

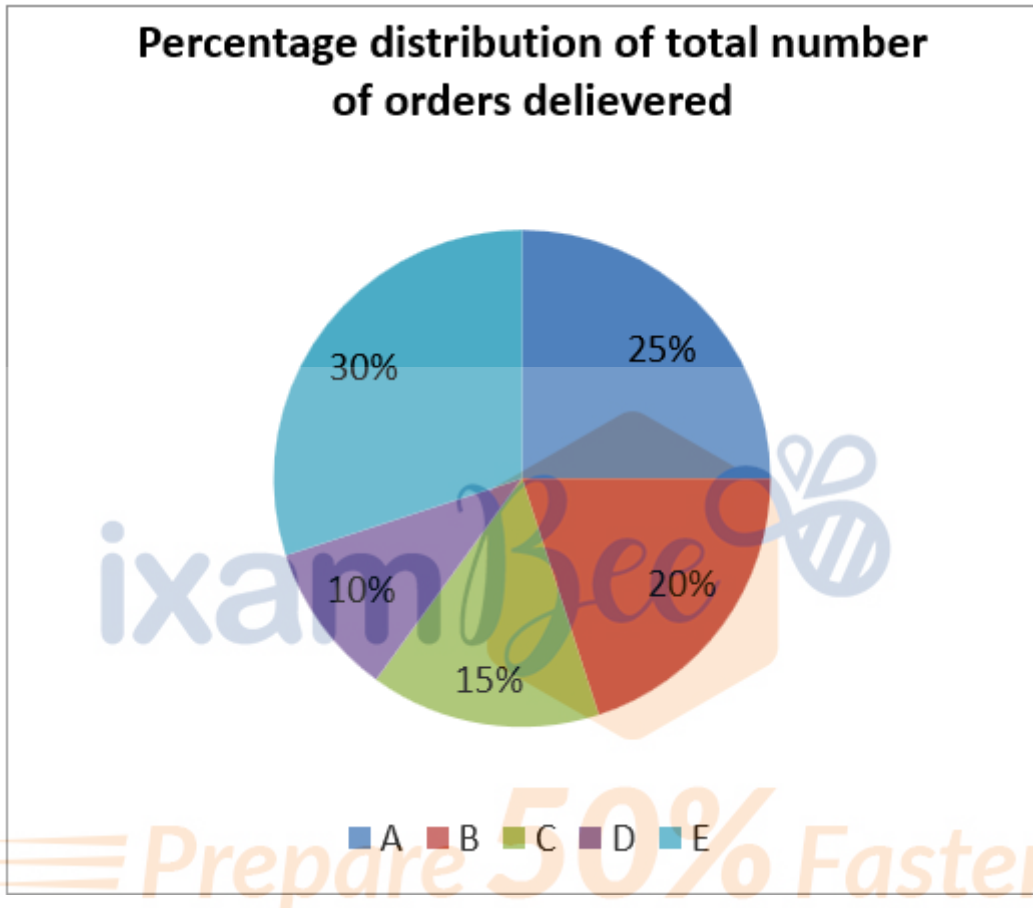
Answer : 300

Direction:

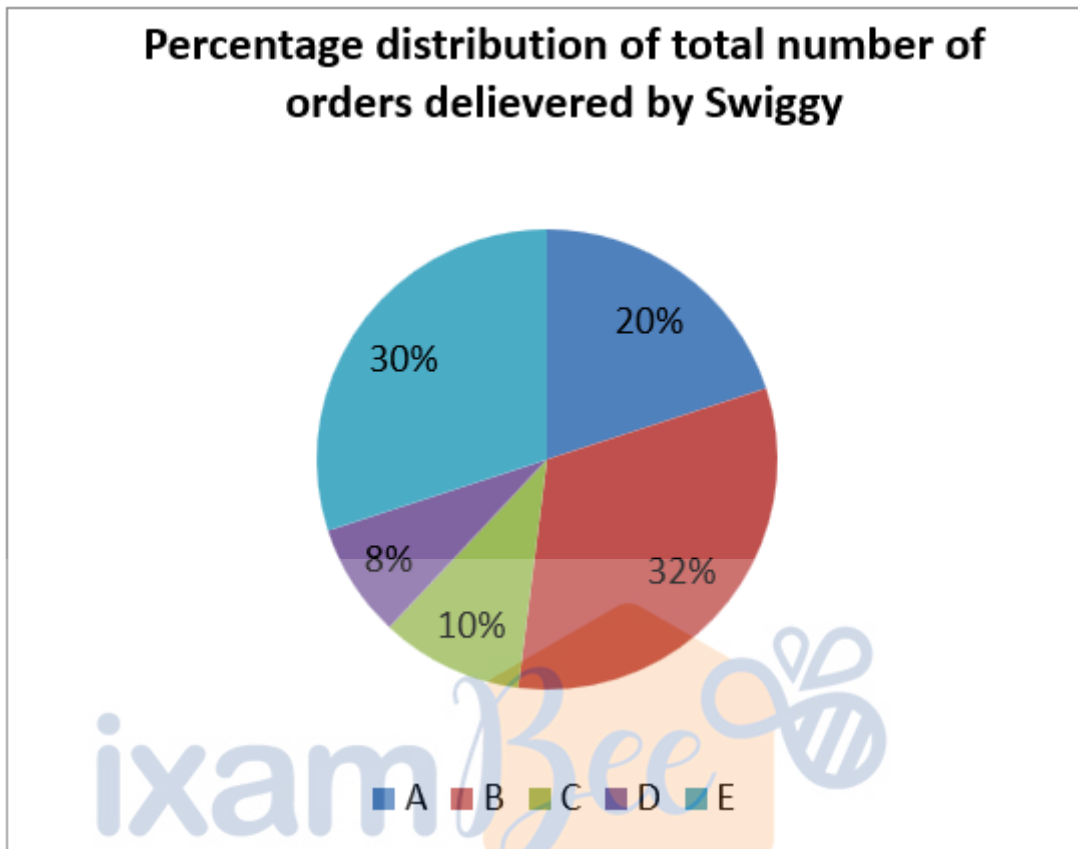


Answer the questions based on the information given below.

The pie chart shows the percentage of total number of food items delivered by Swiggy & Zomato by five different restaurants.



The pie chart shows the percentage of total number of food items delivered by Swiggy from five different restaurants.



**Note:**

- a) Total number of food items delivered by Swiggy and Zomato from restaurant 'C' is 375.
- b) Total number of food items delivered by Swiggy from restaurant 'B' is 400.

• Question No. 43

If another restaurant 'X', delivered 40% more food items from Swiggy than that from 'A' and 20% less food items delivered by Zomato than that from 'C', then find total number of food items delivered by (Swiggy + Zomato) from 'X'.

**Options :**

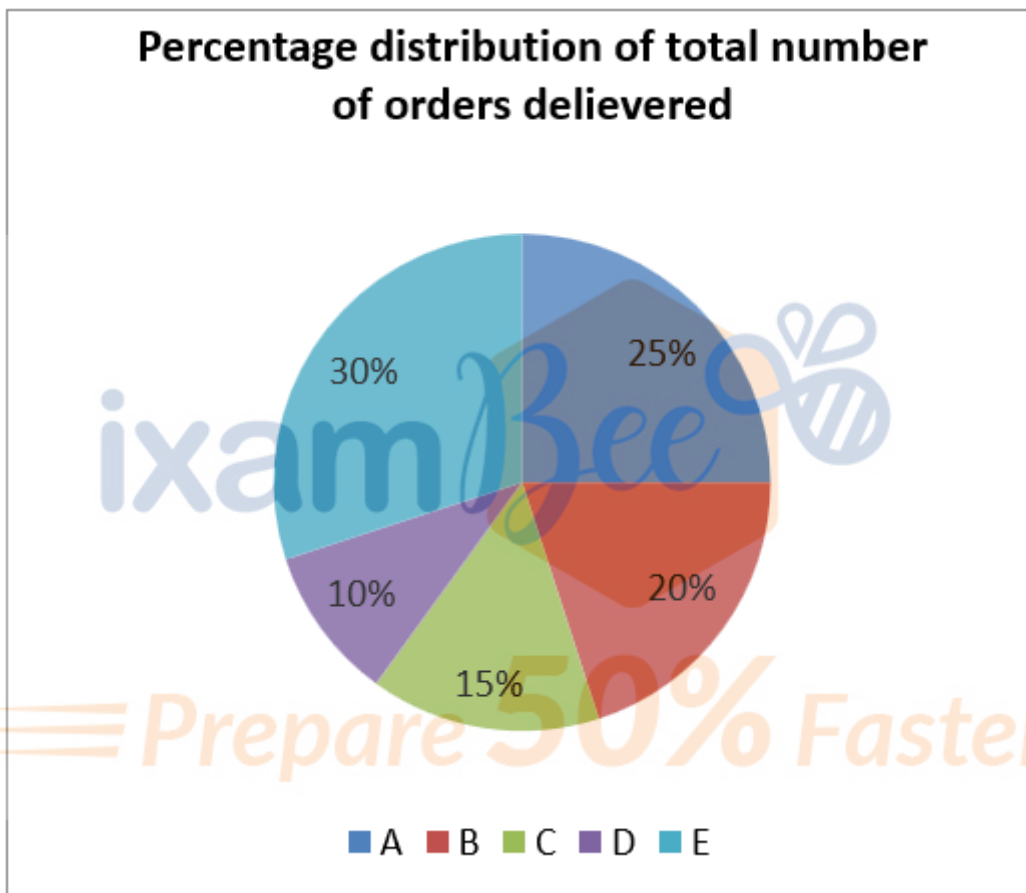
- 1. 655
- 2. 300
- 3. 450
- 4. 550
- 5. None of these

Answer : 550

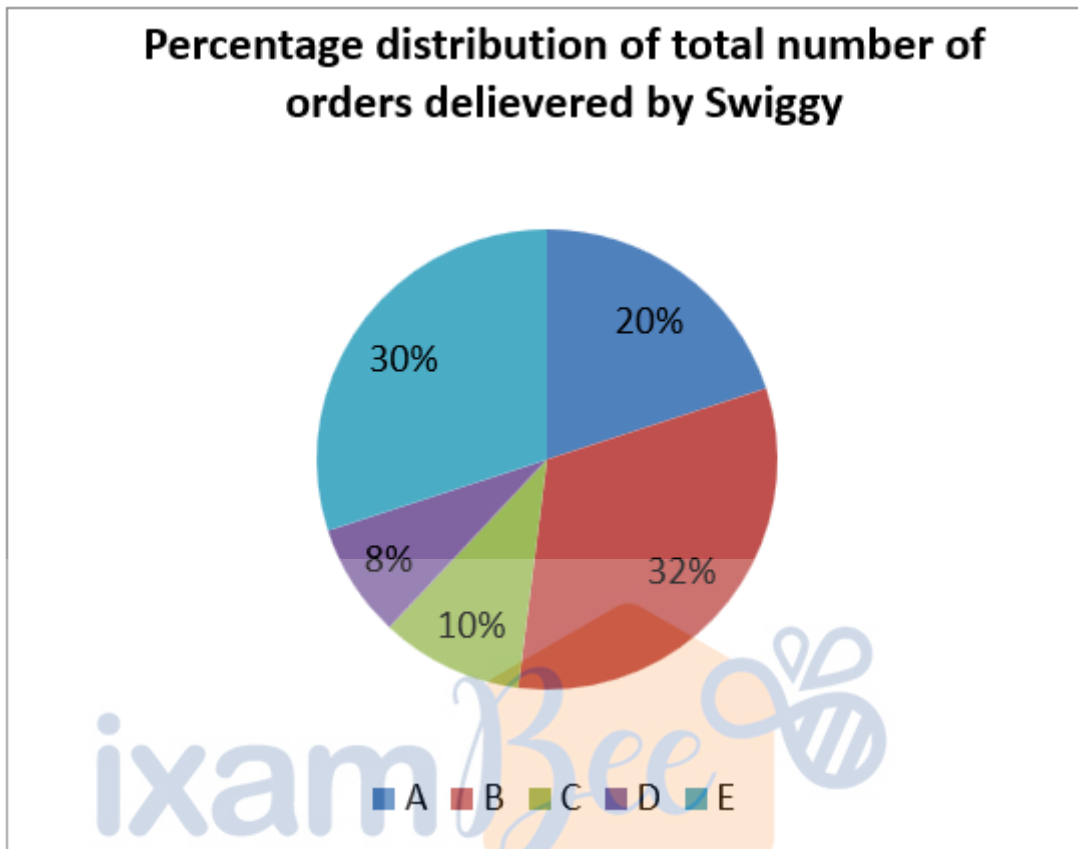
Direction:

Answer the questions based on the information given below.

The pie chart shows the percentage of total number of food items delivered by Swiggy & Zomato by five different restraunts.



The pie chart shows the percentage of total number of food items delivered by Swiggy from five different restraunts.



Note:

- a) Total number of food items delivered by Swiggy and Zomato from restaurant 'C' is 375.
- b) Total number of food items delivered by Swiggy from restaurant 'B' is 400.

• Question No. 44

Find the ratio of number of food items delivered by Zomato from 'C' to number of food items delivered by Swiggy from 'B'.

Options :

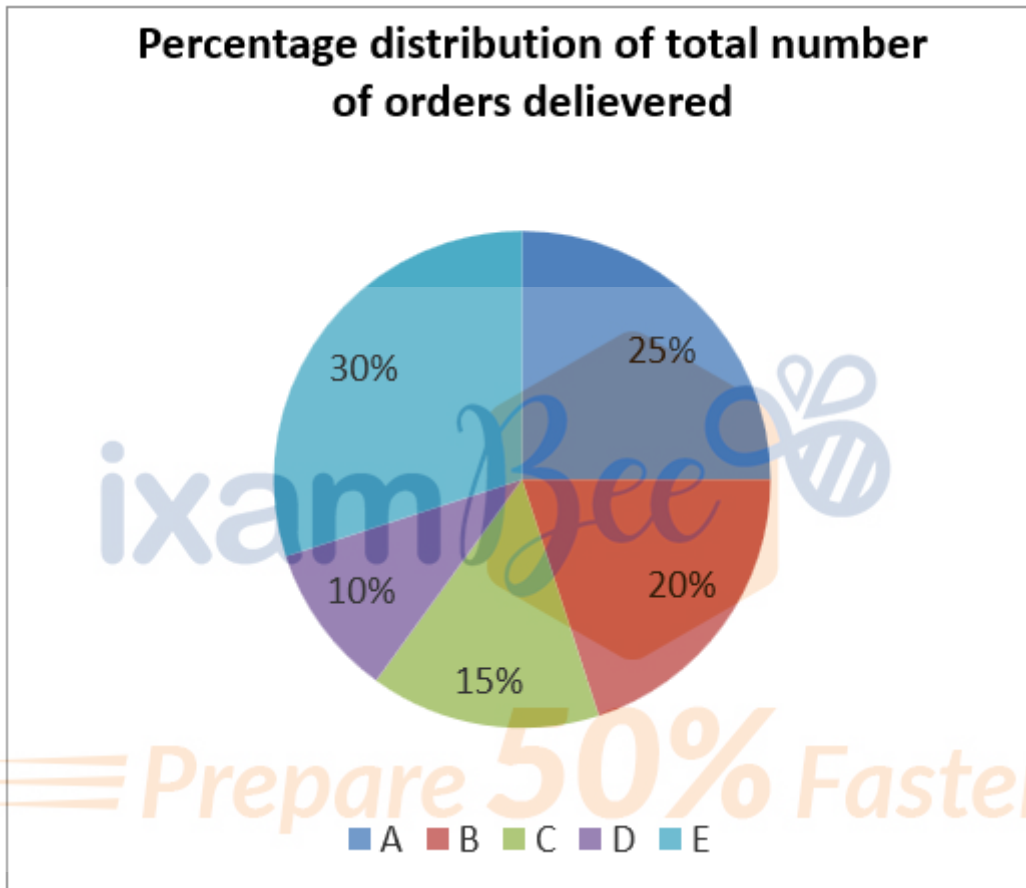
- 1. 2:5
- 2. 5:8
- 3. 3:8
- 4. 8:5
- 5. None of these

Answer : 5:8

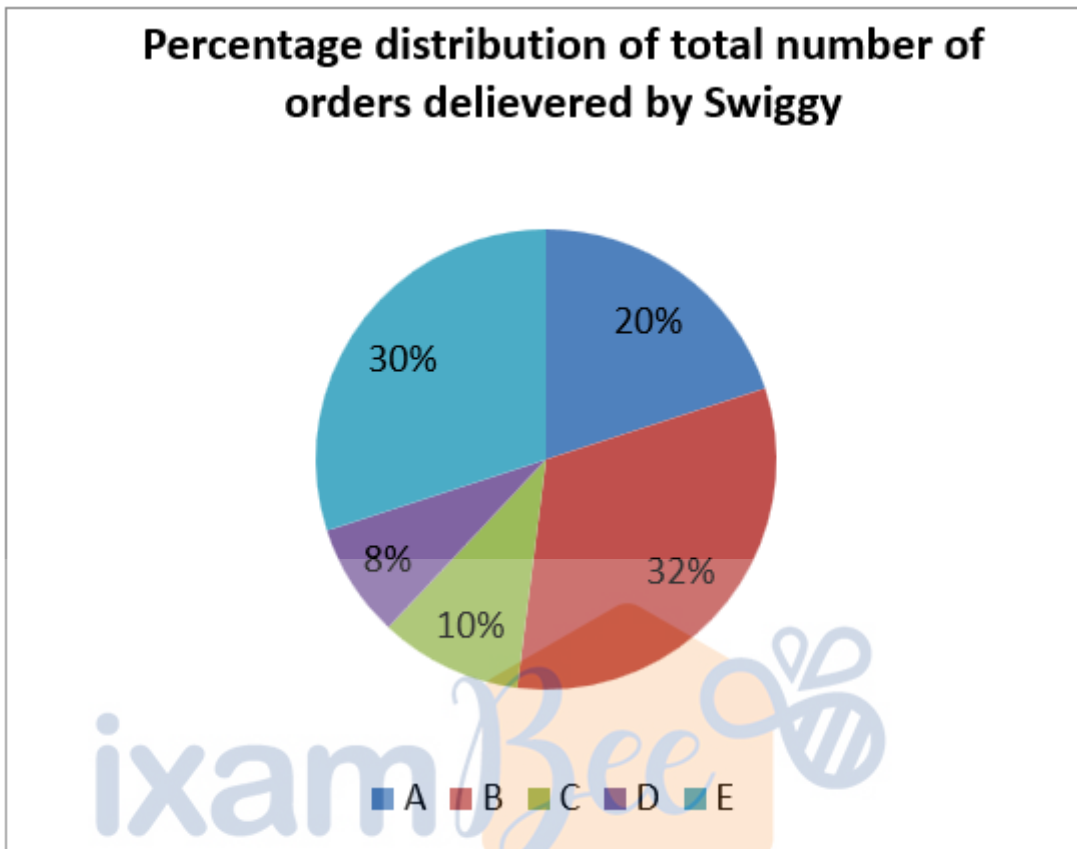
Direction:

Answer the questions based on the information given below.

The pie chart shows the percentage of total number of food items delivered by Swiggy & Zomato by five different restrants.



The pie chart shows the percentage of total number of food items delivered by Swiggy from five different restrants.



**Note:**

- a) Total number of food items delivered by Swiggy and Zomato from restaurant 'C' is 375.
- b) Total number of food items delivered by Swiggy from restaurant 'B' is 400.

• Question No. 45

Restaurant 'D' delivered 10 food items from Zomato and delivered 5 food items from Swiggy for Rs. 4500 and makes a profit of Rs. 900, Find the delivery cost (in Rs.) of 25% of the Swiggy delivery from 'D'. (Note: delivery cost of a Zomato and a Swiggy delivery cost is same)

**Options :**

1. Rs.5500
2. Rs.5000
3. Rs.6400
4. Rs.6000
5. None of these

Answer : Rs.6000

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. 46

$$24.01 \times 24.99 - ?\% \text{ of } 599.96 = 14.92 \times 8.12$$

Options :

1. 20
2. 80
3. 34
4. 60
5. None of these

Answer : 80

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. 47

$$? + 39.99 \times 3.01 = \sqrt{624.99} \times 10.01\% \text{ of } 49.99$$

Options :

1. 20
2. 5
3. 35
4. 65
5. None of these

Answer : 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. 48

$$(5.08/3.01) \text{ of } 41.99 - 24.99\% \text{ of } 120.09 = ? - 9.99$$

Options :

1. 10
2. 50
3. 70
4. 25
5. None of these

Answer : 50

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. 49

$$(11.75)^2 - 49.99\% \text{ of } 120 - ? = (8.23)^2$$

Options :

1. 49
2. 79
3. 20
4. 99
5. None of these

Answer : 20

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. 50



$$(12.13)^2 - 19.93 + 39.78 - 42.93 = ?$$

**Options :**

1. 121
2. 141
3. 167
4. 237
5. None of these

Answer : 121

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

$$102.89 \text{ of } 3.08 = 59.98\% \text{ of } 499.94 + \sqrt{?}$$

**Options :**

1. 95
2. 110
3. 81
4. 55
5. None of these

Answer : 81

Direction:

**Find the missing number in the given number series**

- Question No. 52

$$5, 6, 14, 45, 184, ?$$

**Options :**

1. 925
2. 875
3. 685
4. 775
5. None of these

Answer : 925

Direction:

**Find the missing number in the given number series**

- Question No. 53

64, 128, 209, 309, 430, ?

Options :

1. 774
2. 674
3. 574
4. 458
5. None of these

Answer : 574

Direction:

**Find the missing number in the given number series**

- Question No. 54

250, 279, 311, 349, 396, ?

Options :

1. 355
2. 455
3. 574
4. 665

5. None of these

Answer : 455

Direction:

**Find the missing number in the given number series**

- Question No. 55

101, 103, 107, 109, 113, ?

**Options :**

1. 137
2. 127
3. 156
4. 126
5. None of these

Answer : 127

Direction:

**Find the missing number in the given number series**

- Question No. 56

196, 196, 203, 229, 292, ?

**Options :**

1. 616
2. 216
3. 316
4. 416
5. None of these

Answer : 416

Direction:

**Find the missing number in the given number series**

- Question No. 57

55, 71, 119, 199, 311, ?

**Options :**

1. 455
2. 355
3. 255
4. 155
5. None of these

Answer : 455

Direction:

Answer the questions based on the information given below.

The following table shows the total number of dancers in two different academies A and B. It also shows the ratio of number of classical and modern dancers in each company in two quarters.

Dance Academy	Quarter 1		Quarter 2	
	Total number of classical and modern dancers	Ratio between classical and modern dancers	Total number of classical and modern dancers	Ratio between classical and modern dancers
<b>A</b>	120	5:3	84	3:4
<b>B</b>	96	1:2	132	2:1

- Question No. 58

What is the number of classical dancers in Dance Academy A in Quarter 1?

**Options :**

- 1. 75
- 2. 50
- 3. 64
- 4. 60
- 5. None of these

Answer : 75

Direction:

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

The following table shows the total number of dancers in two different academies A and B. It also shows the ratio of number of classical and modern dancers in each company in two quarters.

Dance Academy	Quarter 1		Quarter 2	
	Total number of classical and modern dancers	Ratio between classical and modern dancers	Total number of classical and modern dancers	Ratio between classical and modern dancers
<b>A</b>	120	5:3	84	3:4
<b>B</b>	96	1:2	132	2:1

- Question No. 59

What is the percentage decrease in the total number of dancers in Dance Academy A from Quarter 1 to Quarter 2?

**Options :**

- 1. 25%
- 2. 15%

- 3. 30%
- 4. 20%
- 5. None of these

Answer : 30%

Direction:

Answer the questions based on the information given below.

The following table shows the total number of dancers in two different academies A and B. It also shows the ratio of number of classical and modern dancers in each company in two quarters.

Dance Academy	Quarter 1		Quarter 2	
	Total number of classical and modern dancers	Ratio between classical and modern dancers	Total number of classical and modern dancers	Ratio between classical and modern dancers
A	120	5:3	84	3:4
B	96	1:2	132	2:1

- Question No. 60

In Quarter 1, what is the ratio of the number of classical dancers in Academy A to the number of modern dancers in Academy B?

Options :

- 1. 75:64
- 2. 15:19
- 3. 55:59
- 4. 64:75

5. None of these

Answer : 75:64

Direction:

Answer the questions based on the information given below.

The following table shows the total number of dancers in two different academies A and B. It also shows the ratio of number of classical and modern dancers in each company in two quarters.

Dance Academy	Quarter 1		Quarter 2	
	Total number of classical and modern dancers	Ratio between classical and modern dancers	Total number of classical and modern dancers	Ratio between classical and modern dancers
A	120	5:3	84	3:4
B	96	1:2	132	2:1

- Question No. 61

If the average revenue generated by each classical dancer is ₹1500 and by each modern dancer is ₹1200 in Quarter 1 for Dance Academy A, what is the total revenue generated by Dance Academy A in Quarter 1?

Options :

1. ₹2,66,500
2. ₹1,26,500
3. ₹1,66,500
4. ₹1,30,500
5. None of these

Answer : ₹1,66,500

Direction:

Answer the questions based on the information given below.

The following table shows the total number of dancers in two different academies A and B. It also shows the ratio of number of classical and modern dancers in each company in two quarters.

Dance Academy	Quarter 1		Quarter 2	
	Total number of classical and modern dancers	Ratio between classical and modern dancers	Total number of classical and modern dancers	Ratio between classical and modern dancers
A	120	5:3	84	3:4
B	96	1:2	132	2:1

- Question No. 62

What is the total number of classical dancers in both academies combined in Quarter 2?

Options :

1. 124
2. 130
3. 145
4. 120
5. None of these

Answer : 124

Direction:

Answer the questions based on the information given below.



The given data is about number of male and female students, in three different schools (A, B and C). The number of male students in school 'A' is 960 which is 25% more than the number of female students in school 'B'. The ratio of the number of female students in schools 'B' and 'C' is 16:15, respectively. Total number of students in school 'C' is 1600. Total number of male students in all the three schools is 3000. The number of female students in school 'A' is 320 less than the number of male students in school 'B'.

- Question No. 63

The number of male students in school 'D' is 20% more than that in school 'B'. If the total number of students in school 'D' is 1680 more than the number of female students in school 'C', then find the number of female students' in school 'D'.

**Options :**

1. 1008
2. 810
3. 720
4. 960
5. 630

Answer : 1008

Direction:

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

The given data is about number of male and female students, in three different schools (A, B and C). The number of male students in school 'A' is 960 which is 25% more than the number of female students in school 'B'. The ratio of the number of female students in schools 'B' and 'C' is 16:15, respectively. Total number of students in school 'C' is 1600. Total number of male students in all the three schools is 3000. The number of female students in school 'A' is 320 less than the number of male students in school 'B'.

- Question No. 64

On a certain day, 55% of students in school 'A' were absent, out of which there are 250 female students. Find the number of male students present in the school on that day.

**Options :**

1. 108
2. 110
3. 220
4. 360
5. 430

Answer : 220

## • Question No. 65

'R' spends 30% of his monthly income on utilities, 35% on household expenses, and 10% of the remaining amount on transportation. He saves the rest in a savings account that gives simple interest at a rate of 12% per annum. Find the amount 'R' will get at the end of the year if his spending on transportation is Rs. 800 per month.

**Options :**

1. Rs.8064
2. Rs.8000
3. Rs.4508
4. Rs.7508
5. None of these

Answer : Rs.8064

## • Question No. 66

The cost price of a laptop and a smartphone is Rs. 60,000 and Rs. 30,000, respectively. The shopkeeper sold the smartphone and the laptop at a loss of 12% and at a profit of 18%, respectively. If there was a combined discount of 25% on both the laptop and the smartphone, then find the combined marked price of the laptop and the smartphone.

**Options :**

1. Rs.1,05,882

2. Rs.1,65,882
3. Rs.2,60,662
4. Rs.1,29,600
5. None of these

Answer : Rs.1,29,600

• Question No. 67

'A' and 'B' started a business by investing Rs. 'b' and Rs. 'b + 400', respectively. If 9 months later the ratio of profit shares of 'A' and 'B' was 7:8, respectively, then find the amount (initially) invested by 'B'.

Options :

1. Rs.1,500
2. Rs.1,800
3. Rs.2,200
4. Rs.3,200
5. None of these

Answer : Rs.3,200

• Question No. 68

Average of 20 numbers is 90. Average of first 8 numbers is 125 while average of last nine numbers is 40. If ninth number is 25% less than the tenth number which is equal to the eleventh numbers then find the tenth number.

Options :

1. 160
2. 120
3. 130
4. 140
5. None of these

Answer : 160

- Question No. 69

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. 1,200 and Rs. 1,320, respectively. Find the rate of interest.

**Options :**

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

Answer : 20%

- Question No. 70

'A' and 'B' are running on a circular track of length 3600 metres. 'A' is running clockwise at 4 m/s while 'B' is running anti-clockwise at 6 m/s. Find the difference between the distance covered by 'A' and 'B' by the time they meet for the tenth time.

**Options :**

1. 7200 m
2. 7500 m
3. 6250 m
4. 6650 m
5. None of these

Answer : 7200 m

- Question No. 71

A man invested Rs. 25,000 at simple interest of 12% p.a. If he had instead invested the same sum on compound interest of 12% p.a., compounded annually, then how much more he would have earned as interest after 3 years?

**Options :**

1. Rs.1277.7
2. Rs.1388.8
3. Rs.1,123.2
4. Rs.1335.2
5. None of these

Answer : Rs.1,123.2

• Question No. 72

The speed of boat downstream and upstream is 32 km/hr and 24 km/hr respectively. Time taken to travel a distance of  $(d + 55)$  km downstream and  $(e + 35)$  km upstream is 14 hours, and time taken to travel  $(d + 100)$  km upstream and  $(e + 50)$  km downstream is 20 hours. Find the difference between the value of  $d$  and value of  $e$ .

**Options :**

1. 25
2. 26
3. 32
4. 23
5. None of these

Answer : 32

• Question No. 73

A right triangle with sides 7 cm, 24 cm, and 25 cm is revolved about the side of length 24 cm. What is the volume of the solid obtained?

**Options :**

1.  $284 \pi$
2.  $392 \pi$
3.  $302 \pi$

- 4.  $372\pi$
- 5. None of these

Answer :  $392\pi$

• Question No. 74

Kiran lent Rs. 40,000 to a friend at a compound interest rate of 'b%' per annum, compounded annually. After one year, the friend returned Rs. 44,800. If Kiran had lent the money at simple interest of  $(b + 2)\%$  per annum instead, how much interest would he have earned?

**Options :**

- 1. Rs.2500
- 2. Rs.5500
- 3. Rs.4100
- 4. Rs.5600
- 5. none of these

Answer : Rs.5600

• Question No. 75

Rs. 1575 was wrongly divided between 'X', 'Y', and 'Z' in the ratio of 3:4:8, respectively, instead of  $(1/3):(1/4):(1/8)$ . Amount received by 'Y' was how much more/less than the original amount that he should receive.

**Options :**

- 1. Rs.135
- 2. Rs.220
- 3. Rs.160
- 4. Rs.120
- 5. None of these

Answer : Rs.135

- Question No. 76

Shatabdi express leaves Delhi Junction at a certain time. After 5 hours, Garib Rath leaves the same station and travels in the same direction at a speed of 100 km/hr. If Garib Rath catches up to Shatabdi in 15 hours, then what is the speed of Shatabdi express?

**Options :**

1. 40 km/h
2. 60 km/h
3. 75 km/h
4. 56 km/h
5. None of these

Answer : 75 km/h

- Question No. 77

On an item there is 8% discount on the marked price of Rs.32,000. After giving an additional season's discount, the item is sold for Rs.25,000. How much is the season's discount (in %)? (Correct to two places of decimal)

**Options :**

1. 15.08
2. 14.04
3. 12.60
4. 16.5
5. None of these

Answer : 15.08

- Question No. 78

450 ml of a mixture contains milk and water in the ratio of 15 respectively. If 70 ml of water and 80 ml of milk are added into it, then the ratio of milk to water in the resulting mixture will be 3:1. Find the value of 'y'.

**Options :**

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

Answer : 4

• Question No. 79

Rs.  $(3y + 600)$  is invested at 40% p.a. compound interest, compounded annually for 2 years, and earns an interest of Rs.  $(4y - 1200)$ . Determine the value of 'y'.

**Options :**

1. 1500
2. 1584
3. 1652
4. 1200
5. none of these

Answer : 1584

• Question No. 80

'R' and 'S' can complete an assignment in 72 days and 90 days respectively while 'R', 'S' and 'T' together can complete the same assignment in 24 days. Find the time taken by 'T' alone to complete 30% of the work.

**Options :**

1. 12 days
2. 18 days
3. 10 days
4. 22 days



5. None of these

Answer : 18 days

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