

Direction:

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

Eight persons S, T, U, V, W, X, Y and Z were born (but not necessarily in the same order) in eight different years (1984, 1985, 1988, 1993, 1995, 1997, 2001, and 2005).

**Note: Ages of these persons are calculated with respect to 2021.**

T was born five years before U. At least one person was born between V and Y and V is older than Y. W was born two years after U. At most one person was born between W and Z. X was born immediately before S. S was not born in a leap year.

- Question No. 1

Who was not born in a non-leap year?

Options :

1. X
2. V
3. Y
4. W
5. U

Answer : X

Direction:

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

Eight persons S, T, U, V, W, X, Y and Z were born (but not necessarily in the same order) in eight different years (1984, 1985, 1988, 1993, 1995, 1997, 2001, and 2005).

**Note: Ages of these persons are calculated with respect to 2021.**

T was born five years before U. At least one person was born between V and Y and V is older than Y. W was born two years after U. At most one person was born between W and Z. X was born immediately before S. S was not born in a leap year.

• Question No. 2

Who was born two years before W?

**Options :**

1. U
2. V
3. Y
4. Z
5. Can't be determined

Answer : U

Direction:

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

Eight persons S, T, U, V, W, X, Y and Z were born (but not necessarily in the same order) in eight different years (1984, 1985, 1988, 1993, 1995, 1997, 2001, and 2005).

**Note: Ages of these persons are calculated with respect to 2021.**

T was born five years before U. At least one person was born between V and Y and V is older than Y. W was born two years after U. At most one person was born between W and Z. X was born immediately before S. S was not born in a leap year.

• Question No. 3

What is the age of V?

**Options :**

1. 24 years
2. 25 years
3. 21 years
4. 41 years
5. None of these

Answer : 24 years

Direction:

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

Eight persons S, T, U, V, W, X, Y and Z were born (but not necessarily in the same order) in eight different years (1984, 1985, 1988, 1993, 1995, 1997, 2001, and 2005).

**Note: Ages of these persons are calculated with respect to 2021.**

T was born five years before U. At least one person was born between V and Y and V is older than Y. W was born two years after U. At most one person was born between W and Z. X was born immediately before S. S was not born in a leap year.

- Question No. 4

Who among the following person was born in 1985?

Options :

1. X
2. V
3. Y
4. S
5. W

Answer : S

Direction:

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

Eight persons S, T, U, V, W, X, Y and Z were born (but not necessarily in the same order) in eight different years (1984, 1985, 1988, 1993, 1995, 1997, 2001, and 2005).

**Note: Ages of these persons are calculated with respect to 2021.**

T was born five years before U. At least one person was born between V and Y and V is older than Y. W was born two years after U. At most one person was born between W and Z. X was born immediately before S. S was not born in a leap year.

- Question No. 5

Which of the following statements is/are correct?

I. X was born in 1984

II. Two persons were born after V

III. W was born in 1997

**Options :**

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

Answer : Only I and II

Direction:

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

Certain number of persons are sitting in a row. All of them are facing north direction. W sits fifth to the right of N. A is an immediate neighbour of W. Seven persons are sitting between Z and P. Two persons are sitting between P and A. Z and N are not immediate neighbours. The number of persons sitting between N and Z is same as the number of persons sitting between Z and U. Only four persons sit to the right of A. The number of persons sitting between W and P is two less than the number of persons sitting to the left of U. Not less than 25 persons are sitting in the row.

- Question No. 6

How many persons sit to the left of Z?

**Options :**

1. 11
2. 10
3. 12
4. 13
5. None of the above

Answer : 12

Direction:

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

Certain number of persons are sitting in a row. All of them are facing north direction. W sits fifth to the right of N. A is an immediate neighbour of W. Seven persons are sitting between Z and P. Two persons are sitting between P and A. Z and N are not immediate neighbours. The number of persons sitting between N and Z is same as the number of persons sitting between Z and U. Only four persons sit to the right of A. The number of persons sitting between W and P is two less than the number of persons sitting to the left of U. Not less than 25 persons are sitting in the row.

• Question No. 7

If T sits third to the right of Z, then what is the position of N with respect to T?

Options :

1. Fourth to the right
2. Fifth to the left
3. Fourth to the left
4. Sixth to the right
5. None of the above

Answer : Fourth to the right

Direction:

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

Certain number of persons are sitting in a row. All of them are facing north direction. W sits fifth to the right of N. A is an immediate neighbour of W. Seven persons are sitting between Z and P. Two persons are sitting between P and A. Z and N are not immediate neighbours. The number of persons sitting between N and Z is same as the number of persons sitting between Z and U. Only four persons sit to the right of A. The number of persons sitting between W and P is two less than the number of persons sitting to the left of U. Not less than 25 persons are sitting in the row.

• Question No. 8

How many persons are sitting in the row?

**Options :**

1. 27
2. 26
3. 29
4. 28
5. None of the above

Answer : 28

Direction:

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

Certain number of persons are sitting in a row. All of them are facing north direction. W sits fifth to the right of N. A is an immediate neighbour of W. Seven persons are sitting between Z and P. Two persons are sitting between P and A. Z and N are not immediate neighbours. The number of persons sitting between N and Z is same as the number of persons sitting between Z and U. Only four persons sit to the right of A. The number of persons sitting between W and P is two less than the number of persons sitting to the left of U. Not less than 25 persons are sitting in the row.

- Question No. 9

Which of the following statement is true?

**Options :**

1. W sits fourth from the left end
2. N is not an immediate neighbour of P
3. Z is an immediate neighbour of A
4. U sits third from the left end
5. None of the statements is true

Answer : None of the statements is true

Direction:

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

Certain number of persons are sitting in a row. All of them are facing north direction. W sits fifth to the right of N. A is an immediate neighbour of W. Seven persons are sitting between Z and P. Two persons are sitting between P and

A. Z and N are not immediate neighbours. The number of persons sitting between N and Z is same as the number of persons sitting between Z and U. Only four persons sit to the right of A. The number of persons sitting between W and P is two less than the number of persons sitting to the left of U. Not less than 25 persons are sitting in the row.

• Question No. 10

Number of persons sitting between U and N is \_\_\_\_\_.

**Options :**

1. 12
2. 13
3. 14
4. 11
5. None of the above

Answer : 13

Direction:

**In each question below are given three statements followed by two conclusions numbered I and II. You have to take the two given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts. Give Answer:**

• Question No. 11

**Statements:**

Some hangers are cloths.

All cloths are drawers.

Some drawers are almirahs.

**Conclusions:**

**I.** Some drawers are not cloths.

**II.** Some hangers are not almirahs.

**Options :**

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

Answer : If neither conclusion I nor II follows

Direction:

**In each question below are given three statements followed by two conclusions numbered I and II. You have to take the two given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts. Give Answer:**

- Question No. 12

**Statements:**

All sparrows are parrots.

No parrot is bird.

All birds are peacocks.

**Conclusions:**

I. Some birds are not parrots.

II. Some peacocks are not parrots.

**Options :**

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

Answer : If both conclusions I and II follow

Direction:



In each of the questions below are given three 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 the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

- Question No. 13

**Statement:**

No winter is summer.

A few summer is autumn.

Only winter is spring.

**Conclusion:**

1. All summer being autumn is a possibility.
2. Some winter is not summer.

**Options :**

1. Only 1 follows
2. Only 2 follows
3. Both follow
4. All follow
5. None of these

Answer : Both follow

Direction:

In each of the questions below are given three 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 the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

- Question No. 14

**Statement:**

Only a few bangles are anklets.

No anklet is bracelet.

A few bracelets are necklaces.

**Conclusion:**

1. Some bangles are not anklets.

2. All necklaces are bracelets.

**Options :**

1. Only 1 follows

2. Only 2 follows

3. Both follow

4. All follow

5. None of these

Answer : Only 1 follows

Direction:

**In these questions, relationship between different elements is show in the statements. The statements are followed by conclusions. Study the conclusions based on the given statements and select the appropriate answer:**

- Question No.15

**Statements:**  $K = I$ ;  $M > V$ ;  $R \geq U$

**Conclusions:**

**I.**  $L$

**II.**  $M > I$

**Options :**

1. Only conclusion II is true

2. Either conclusion I or II is true

3. Both conclusion I and II are true

4. Neither conclusion I nor II is true

5. Only conclusion I is true

Answer : Neither conclusion I nor II is true

Direction:

**In these questions, relationship between different elements is show in the statements. The statements are followed by conclusions. Study the conclusions based on the given statements and select the appropriate answer:**

- Question No. 16

**Statements:**  $K = I < L < G \leq R > M; V \geq K; R \geq U$

**Conclusions:**

I.  $V \geq G$

II.  $R > K$

**Options :**

1. Only conclusion II is true
2. Only conclusion I is true
3. Neither conclusion I nor II true
4. Either conclusion I or II is true
5. Both conclusions I and II are true

Answer : Only conclusion II is true

Direction:

**In these questions, relationship between different elements is show in the statements. The statements are followed by conclusions. Study the conclusions based on the given statements and select the appropriate answer:**

- Question No. 17

**Statements:**  $I > H$

**Conclusions:**

I.  $H \leq E$

II.  $H > E$

**Options :**

1. Both conclusions I and II are true
2. Only conclusion II is true
3. Only conclusions I is true
4. Either conclusions I or II is true
5. Neither conclusion I nor II is true

Answer : Either conclusions I or II is true

Direction:

**In these questions, relationship between different elements is show in the statements. The statements are followed by conclusions. Study the conclusions based on the given statements and select the appropriate answer:**

- Question No. 18

**Statement:**  $O > P \geq N = K \leq L$

**Conclusion:**

I. N

II.  $P \geq R$

**Options :**

1. Only conclusion I is true
2. Only conclusion II is true
3. Both conclusions I and II are true
4. Neither conclusions I nor II is true
5. Either conclusion I or II is true

Answer : Only conclusion I is true

Direction:

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

Nine boxes – A, B, C, D, E, F, G, H and I are kept one above the other in a single stack, but not necessarily in the same order. Box B is kept three boxes above box A. Box C is immediately below box A. There are three boxes

between Box C and Box D. Box E is immediately above Box H. Box A is placed below Box H. Box F is immediately above Box G and immediately below Box I.

- Question No. 19

Which of the following box is kept three boxes above box F?

**Options :**

1. Box I
2. Box G
3. Box A
4. Box C
5. None of these

Answer : Box A

Direction:

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

Nine boxes – A, B, C, D, E, F, G, H and I are kept one above the other in a single stack, but not necessarily in the same order. Box B is kept three boxes above box A. Box C is immediately below box A. There are three boxes between Box C and Box D. Box E is immediately above Box H. Box A is placed below Box H. Box F is immediately above Box G and immediately below Box I.

- Question No. 20

Which of the following boxes are kept above box C?

- I) F
- II) E
- III) A

**Options :**

1. Both I and III

2. Only III
3. Both I and II
4. Both II and III
5. None of these

Answer : Both II and III

Direction:

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

Nine boxes – A, B, C, D, E, F, G, H and I are kept one above the other in a single stack, but not necessarily in the same order. Box B is kept three boxes above box A. Box C is immediately below box A. There are three boxes between Box C and Box D. Box E is immediately above Box H. Box A is placed below Box H. Box F is immediately above Box G and immediately below Box I.

- Question No. 21

Box \_\_\_\_\_ is kept two boxes below box \_\_\_\_\_.

**Options :**

1. E, C
2. F, B
3. A, D
4. C, H
5. Other than the given option

Answer : C, H

Direction:

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

Nine boxes – A, B, C, D, E, F, G, H and I are kept one above the other in a single stack, but not necessarily in the same order. Box B is kept three boxes above box A. Box C is immediately below box A. There are three boxes between Box C and Box D. Box E is immediately above Box H. Box A is placed below Box H. Box F is immediately above Box G and immediately below Box I.

• Question No. 22

What is the position of box I from the bottom?

**Options :**

1. Second
2. Fifth
3. First
4. Fourth
5. Third

Answer : Fourth

Direction:

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

Nine boxes – A, B, C, D, E, F, G, H and I are kept one above the other in a single stack, but not necessarily in the same order. Box B is kept three boxes above box A. Box C is immediately below box A. There are three boxes between Box C and Box D. Box E is immediately above Box H. Box A is placed below Box H. Box F is immediately above Box G and immediately below Box I.

• Question No. 23

Which among the following box is kept just above box A?

**Options :**

1. The box which is kept second from the bottom
2. The box which is kept third from the top
3. The box which is kept fourth from the bottom
4. The box which is kept second from the top
5. None of these

Answer : The box which is kept third from the top

Direction:

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

Rahul starts walking in the south direction from his house and walks 10m, then takes two consecutive left turns and walks 8m and 12m respectively. From there he takes a right turn and walks 6m, and then finally stops and reaches his office.

• Question No. 24

In which direction is Rahul's house w.r.t. his office?

**Options :**

1. North-East
2. South-East
3. North-West
4. South-West
5. North

Answer : South-West

Direction:

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

Rahul starts walking in the south direction from his house and walks 10m, then takes two consecutive left turns and walks 8m and 12m respectively. From there he takes a right turn and walks 6m, and then finally stops and reaches his office.

• Question No. 25

What is the total distance travelled by Rahul to reach his office ?

**Options :**

1. 36 m
2. 26 m
3. 18 m
4. 30 m
5. None of these

Answer : 36 m



Direction:

**Study the given information carefully to answer the given questions.**

Eight people-A, B, C, D, E, F, G and H, live on eight different floors of building (but not necessarily in the same order). The lowermost floor of the building is numbered one, the one above that is numbered two, and so on till the topmost floor is numbered eight. Each one of them likes different countries namely- Iran, Argentina, Denmark, Belgium, Colombia, Russia, Egypt and Greece (but not necessarily in the same order).

G lives on an even numbered floor above the floor numbered two. Only three people live between G and the one who likes Argentina. E lives immediately below the one who likes Argentina. Only two people live between E and the one who likes Russia. C lives immediately above the one who likes Russia. The one who likes Iran lives on an even numbered floor below C. Only two people live between the one who likes Iran and the one who likes Egypt. The one who likes Greece lives immediately below B. B neither lives on the topmost floor nor likes Argentina. F lives on odd numbered floor but not on the lowermost floor. Only two people live between F and the one who likes Colombia. Only one person lives between D and the one who likes Belgium. H lives immediately below the one who likes Denmark and does not like Russia.

- Question No. 26

Which of the following countries does D likes?

**Options :**

1. Egypt
2. Russia
3. Greece
4. Denmark
5. None of these

Answer : Greece

Direction:

**Study the given information carefully to answer the given questions.**

Eight people-A, B, C, D, E, F, G and H, live on eight different floors of building (but not necessarily in the same order). The lowermost floor of the building is numbered one, the one above that is numbered two, and so on till the topmost floor is numbered eight. Each one of them likes different countries namely- Iran, Argentina, Denmark,

Belgium, Colombia, Russia, Egypt and Greece (but not necessarily in the same order).

G lives on an even numbered floor above the floor numbered two. Only three people live between G and the one who likes Argentina. E lives immediately below the one who likes Argentina. Only two people live between E and the one who likes Russia. C lives immediately above the one who likes Russia. The one who likes Iran lives on an even numbered floor below C. Only two people live between the one who likes Iran and the one who likes Egypt. The one who likes Greece lives immediately below B. B neither lives on the topmost floor nor likes Argentina. F lives on odd numbered floor but not on the lowermost floor. Only two people live between F and the one who likes Colombia. Only one person lives between D and the one who likes Belgium. H lives immediately below the one who likes Denmark and does not like Russia.

• Question No. 27

How many people live between G and the one who likes Denmark?

Options :

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

Answer : Two

Direction:

**Study the given information carefully to answer the given questions.**

Eight people-A, B, C, D, E, F, G and H, live on eight different floors of building (but not necessarily in the same order). The lowermost floor of the building is numbered one, the one above that is numbered two, and so on till the topmost floor is numbered eight. Each one of them likes different countries namely- Iran, Argentina, Denmark, Belgium, Colombia, Russia, Egypt and Greece (but not necessarily in the same order).

G lives on an even numbered floor above the floor numbered two. Only three people live between G and the one who likes Argentina. E lives immediately below the one who likes Argentina. Only two people live between E and the one who likes Russia. C lives immediately above the one who likes Russia. The one who likes Iran lives on an even numbered floor below C. Only two people live between the one who likes Iran and the one who likes Egypt.

The one who likes Greece lives immediately below B. B neither lives on the topmost floor nor likes Argentina. F lives on odd numbered floor but not on the lowermost floor. Only two people live between F and the one who likes Colombia. Only one person lives between D and the one who likes Belgium. H lives immediately below the one who likes Denmark and does not like Russia.

• Question No. 28

Which of the following statement is TRUE with respect to the given information?

**Options :**

1. G likes Colombia
2. C lives immediately below the one who likes Argentina
3. All the given statements are true
4. B lives immediately above D
5. Only four people live between D and the one who likes Denmark.

Answer : B lives immediately above D

Direction:

**Study the given information carefully to answer the given questions.**

Eight people-A, B, C, D, E, F, G and H, live on eight different floors of building (but not necessarily in the same order). The lowermost floor of the building is numbered one, the one above that is numbered two, and so on till the topmost floor is numbered eight. Each one of them likes different countries namely- Iran, Argentina, Denmark, Belgium, Colombia, Russia, Egypt and Greece (but not necessarily in the same order).

G lives on an even numbered floor above the floor numbered two. Only three people live between G and the one who likes Argentina. E lives immediately below the one who likes Argentina. Only two people live between E and the one who likes Russia. C lives immediately above the one who likes Russia . The one who likes Iran lives on an even numbered floor below C. Only two people live between the one who likes Iran and the one who likes Egypt. The one who likes Greece lives immediately below B. B neither lives on the topmost floor nor likes Argentina. F lives on odd numbered floor but not on the lowermost floor. Only two people live between F and the one who likes Colombia. Only one person lives between D and the one who likes Belgium. H lives immediately below the one who likes Denmark and does not like Russia.

• Question No. 29

Who amongst the following live exactly between A and the one who plays Egypt?

**Options :**

1. D, the one who likes Colombia.
2. C, B
3. E, H
4. E, the one who likes Russia
5. F, the one who likes Argentina

Answer : E, H

Direction:

**Study the given information carefully to answer the given questions.**

Eight people-A, B, C, D, E, F, G and H, live on eight different floors of building (but not necessarily in the same order). The lowermost floor of the building is numbered one, the one above that is numbered two, and so on till the topmost floor is numbered eight. Each one of them likes different countries namely- Iran, Argentina, Denmark, Belgium, Colombia, Russia, Egypt and Greece (but not necessarily in the same order).

G lives on an even numbered floor above the floor numbered two. Only three people live between G and the one who likes Argentina. E lives immediately below the one who likes Argentina. Only two people live between E and the one who likes Russia. C lives immediately above the one who likes Russia. The one who likes Iran lives on an even numbered floor below C. Only two people live between the one who likes Iran and the one who likes Egypt. The one who likes Greece lives immediately below B. B neither lives on the topmost floor nor likes Argentina. F lives on odd numbered floor but not on the lowermost floor. Only two people live between F and the one who likes Colombia. Only one person lives between D and the one who likes Belgium. H lives immediately below the one who likes Denmark and does not like Russia.

• Question No. 30

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

**Options :**

1. A – Denmark
2. H – Belgium
3. F - Iran
4. B - Greece
5. C - Russia

Answer : H – Belgium

Direction:

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

Eight persons (S, T, U, V, W, X, Y, and Z) sit around a circular table such that four persons face towards the center and remaining persons face away from the center of the table. V sits second to the right of W. T sits third to the left of S. T sits adjacent to V, but not adjacent to W. X, who sits immediate left of S, sits immediate right of Y. Y and T face same direction. Z sits second to the left of U, who face towards the center.

- Question No. 31

Who sits fifth to left of X?

**Options :**

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

Answer : V

Direction:

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

Eight persons (S, T, U, V, W, X, Y, and Z) sit around a circular table such that four persons face towards the center and remaining persons face away from the center of the table. V sits second to the right of W. T sits third to the left of S. T sits adjacent to V, but not adjacent to W. X, who sits immediate left of S, sits immediate right of Y. Y and T

face same direction. Z sits second to the left of U, who face towards the center.

• Question No. 32

What is the position of Z with respect to X?

**Options :**

1. Second to the right
2. Fourth to the right
3. Third to the left
4. Third to the right
5. None of these

Answer : Fourth to the right

Direction:

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

Eight persons (S, T, U, V, W, X, Y, and Z) sit around a circular table such that four persons face towards the center and remaining persons face away from the center of the table. V sits second to the right of W. T sits third to the left of S. T sits adjacent to V, but not adjacent to W. X, who sits immediate left of S, sits immediate right of Y. Y and T face same direction. Z sits second to the left of U, who face towards the center.

• Question No. 33

How many persons sit between V and T, when counted from right of T?

**Options :**

1. One
2. Seven
3. Five
4. Six
5. None of these

Answer : Six

Direction:

Answer the questions based on the information given below.

Eight persons (S, T, U, V, W, X, Y, and Z) sit around a circular table such that four persons face towards the center and remaining persons face away from the center of the table. V sits second to the right of W. T sits third to the left of S. T sits adjacent to V, but not adjacent to W. X, who sits immediate left of S, sits immediate right of Y. Y and T face same direction. Z sits second to the left of U, who face towards the center.

• Question No. 34

Which of the following persons face towards the center of the table?

Options :

1. S
2. W
3. X
4. Y
5. None of these

Answer : X

Direction:

Answer the questions based on the information given below.

Eight persons (S, T, U, V, W, X, Y, and Z) sit around a circular table such that four persons face towards the center and remaining persons face away from the center of the table. V sits second to the right of W. T sits third to the left of S. T sits adjacent to V, but not adjacent to W. X, who sits immediate left of S, sits immediate right of Y. Y and T face same direction. Z sits second to the left of U, who face towards the center.

• Question No. 35

Who sits third to the left of U?

Options :

1. X
2. Y
3. W

- 4. V
- 5. None of these

Answer : V

Direction:

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

**In a certain code**

'Is College Organic Planet' is written as 'yz kl mn pq'

'College world Intex' is written as 'kl sr df'

'Organic Planet Intex India' is written as 'mn pq df st'

- Question No. 36

What will be the code for 'Is' in the given code language?

**Options :**

- 1. yz
- 2. kl
- 3. mn
- 4. pq
- 5. sr

Answer : yz

Direction:

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

**In a certain code**

'Is College Organic Planet' is written as 'yz kl mn pq'

'College world Intex' is written as 'kl sr df'

'Organic Planet Intex India' is written as 'mn pq df st'



- Question No. 37

What will be the code for 'Organic' in the given code language?

**Options :**

1. kl
2. mn
3. pq
4. Either mn or pq
5. Either pq or df

Answer : Either mn or pq

Direction:

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

In a certain code

'Is College Organic Planet' is written as 'yz kl mn pq'

'College world Intex' is written as 'kl sr df '

'Organic Planet Intex India' is written as 'mn pq df st'

- Question No. 38

'pq' is code for which of the following in the code language?

**Options :**

1. Organic
2. Planet
3. world
4. either Planet or Intex
5. either Organic or Planet

Answer : either Organic or Planet

Direction:

Study the following information to answer the questions given below:

In a certain code

'Is College Organic Planet' is written as 'yz kl mn pq'

'College world Intex' is written as 'kl sr df '

'Organic Planet Intex India' is written as 'mn pq df st'

- Question No. 39

If 'world Planet India' is written as 'st sr mn', then which of the following will be the code for 'College Is Organic'?

Options :

1. yz kl mn
2. kl df st
3. st df sr
4. kl yz pq
5. yz pq mn

Answer : kl yz pq

Direction:

Study the following information to answer the questions given below:

In a certain code

'Is College Organic Planet' is written as 'yz kl mn pq'

'College world Intex' is written as 'kl sr df '

'Organic Planet Intex India' is written as 'mn pq df st'

- Question No. 40

What will be the code for 'India Is College' in the given code language?

Options :

1. sr df st
2. yz sr df
3. st yz kl
4. mn pq st
5. df mn yz

Answer : st yz kl

Direction:

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

The following table shows the total apartments and Vacant apartments in five different societies.

|           | Total apartments | Vacant apartments |
|-----------|------------------|-------------------|
| Society A | 650              | 280               |
| Society B | 840              | 520               |
| Society C | 980              | 445               |
| Society D | 720              | 220               |
| Society E | 600              | 250               |

**Note :: Total apartments in a particular society = Occupied apartments in that particular society + Vacant apartments in that particular society**

- Question No. 41

Find out the average of the number of occupied apartments in society A, B, C, D and E together.

**Options :**

1. 435
2. 410
3. 440
4. 425
5. None of the above

Answer : None of the above

Direction:

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

The following table shows the total apartments and Vacant apartments in five different societies.

|           | Total apartments | Vacant apartments |
|-----------|------------------|-------------------|
| Society A | 650              | 280               |
| Society B | 840              | 520               |
| Society C | 980              | 445               |
| Society D | 720              | 220               |
| Society E | 600              | 250               |

**Note :: Total apartments in a particular society = Occupied apartments in that particular society + Vacant apartments in that particular society**

- Question No. 42

If the monthly expenditure of vacant and occupied apartments in society C is Rs.  $(1.5y+400)$  and Rs.  $2.5y$  respectively, then find out the value of 'y'. It is assumed that the total monthly expenditure on all the apartments together in society C is Rs. 4990000.

**Options :**

1. 1800
2. 2400
3. 3000
4. 3600
5. 1500

Answer : 2400

Direction:

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

The following table shows the total apartments and Vacant apartments in five different societies.

|           | Total apartments | Vacant apartments |
|-----------|------------------|-------------------|
| Society A | 650              | 280               |
| Society B | 840              | 520               |
| Society C | 980              | 445               |
| Society D | 720              | 220               |
| Society E | 600              | 250               |

**Note :: Total apartments in a particular society = Occupied apartments in that particular society + Vacant apartments in that particular society**

- Question No. 43

If  $(a-6)\%$  of occupied apartments in society E are allotted to families and remaining are allotted to bachelors, then find out the value of 'a'. When the number of occupied apartments allotted to bachelors is 203.

**Options :**

1. 42
2. 54
3. 48
4. 56
5. None of the above

**Answer :** 48

**Direction:**

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

The following table shows the total apartments and Vacant apartments in five different societies.

|           | Total apartments | Vacant apartments |
|-----------|------------------|-------------------|
| Society A | 650              | 280               |
| Society B | 840              | 520               |
| Society C | 980              | 445               |
| Society D | 720              | 220               |
| Society E | 600              | 250               |

**Note :: Total apartments in a particular society = Occupied apartments in that particular society + Vacant apartments in that particular society**

- Question No. 44

The vacant apartments in society A, B and E together is approximately what percentage of the total apartments in society A, B, C, D and E together?

**Options :**

1. 23.3%
2. 29.1%
3. 21.5%
4. 25.9%
5. 27.7%

**Answer :** 27.7%

**Direction:**

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

The following table shows the total apartments and Vacant apartments in five different societies.

|           | Total apartments | Vacant apartments |
|-----------|------------------|-------------------|
| Society A | 650              | 280               |
| Society B | 840              | 520               |
| Society C | 980              | 445               |
| Society D | 720              | 220               |
| Society E | 600              | 250               |

**Note :: Total apartments in a particular society = Occupied apartments in that particular society + Vacant apartments in that particular society**

- Question No. 45

If the total apartments in Society F is eight times of the difference between the total apartments in Society B and D and the number of occupied apartments in Society A and F is the same, then find out the vacant apartments in Society F.

**Options :**

1. 640

2. 550

3. 610

4. 590

5. None of the above

Answer : 590

- Question No. 46

Two persons A and B start a business with investment of Rs 12000 and Rs 14000 respectively. After 4 months C also joined them with certain investment. Total profit at the end of year was Rs 9975. C's share in profit was Rs 3800. What was the C's investment in the business?

**Options :**

1. Rs.14,000
2. Rs.24,000
3. Rs.34,000
4. Rs.28,000
5. Rs.10,400

Answer : Rs.24,000

• Question No. 47

Garcia bought 24 lemons at a price of Rs 2 per lemon. If she sells 10 lemons for Rs 2 per lemon, x lemons for Rs 4 per lemon and rest lemons are rotten. Find the value of x if she had the total profit of 25%?

Options :

1. 12
2. 11
3. 10
4. 5
5. 8

Answer : 10

• Question No. 48

The age of A is 30% less than that of B. The age of B is 25 years more than the average age of his two friends whose total age is 30 years. Find the difference of age of A and B?

Options :

1. 9 years
2. 11 years
3. 12 years
4. 6 years
5. None of these

Answer : 12 years



- Question No. 49

Train 'A' travelling with a speed of 72 km/h can cross a pole in 18 seconds. If the length of train 'B' is 60% less than that of train 'A' and it can cross a pole in 12 seconds then speed (in km/h) of train 'B' is:

**Options :**

1. 30 km/h
2. 26 km/h
3. 43.2 km/h
4. 49 km/h
5. None of these

Answer : 43.2 km/h

- Question No. 50

A man rows to a place 42 km away and comes back to the starting point. If the speed of the stream is 2 km/hr and the speed of the boat in still water is 5 km/hr. Then what is the total time taken by him?

**Options :**

1. 16 hrs
2. 17 hrs
3. 20 hrs
4. 30 hrs
5. 25 hrs

Answer : 20 hrs

Direction:

**Each of the questions given below has one question and two statements marked I and II. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and choose the appropriate option.**

- Question No. 51

What is the present age of Rina?

I. Rina's present age is  $\frac{1}{10}$  of her mother's present age.

II. After 5 years, Rina's age will be  $\frac{1}{5}$  of her mother's age at that time.

**Options :**

1. If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
2. If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
3. If the data either in statement I alone or in statement II alone is sufficient to answer the question.
4. If the data even in both statement I and II together are not sufficient to answer the question and
5. If the data in both statement I and II together are needed to answer the question.

Answer : If the data in both statement I and II together are needed to answer the question.

Direction:

**Each of the questions given below has one question and two statements marked I and II. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer:**

- Question No. 52

How much time does A take alone to complete the work?

I. B alone takes 45 days, while A and B together take 15 days to complete the work.

II. A and B can do a piece of work in 8 days, and B and C can do the same work in 12 days.

**Options :**

1. If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
2. If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
3. If the data in both statement I and II together are required to answer the question.
4. If the data either in statement I alone or in statement II alone is sufficient to answer the question
5. If the data even in both the statement I and II together are not sufficient to answer the question.

Answer : If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

• Question No. 53

What is the capacity of a cylindrical tank?

**Statement I:** The radius of the base is half of its height, which is 14 metres.

**Statement II:** The area of the base is 1350 sq metres and the height is 12 metres.

**Options :**

1. Statement I alone is sufficient to answer the question.
2. Statement II alone is sufficient to answer the question.
3. Either Statement I alone or Statement II alone is sufficient to answer the question.
4. Both Statements I and II together are not sufficient to answer the question.
5. Both Statements I and II together are necessary to answer the question.

Answer : Either Statement I alone or Statement II alone is sufficient to answer the question.

• Question No. 54

The area of a square is 2916 sq m. The Length of a rectangle is one – fourth the side of the square and the breadth of the rectangle is one- third of its length. What is the difference between the perimeter of the square and that of the rectangle?

**Options :**

1. 168m
2. 230m
3. 180m
4. 206m
5. None of these

Answer : 180m

- Question No. 55

There are 4 numbers – A, B, C & D. B is 25% more than A and D is equal to average of A & C. Ratio of A to C is 3 : 4 and C is 5 more than B. Find value of  $\{(B - A) - (C - D)\} \times 18$ .

**Options :**

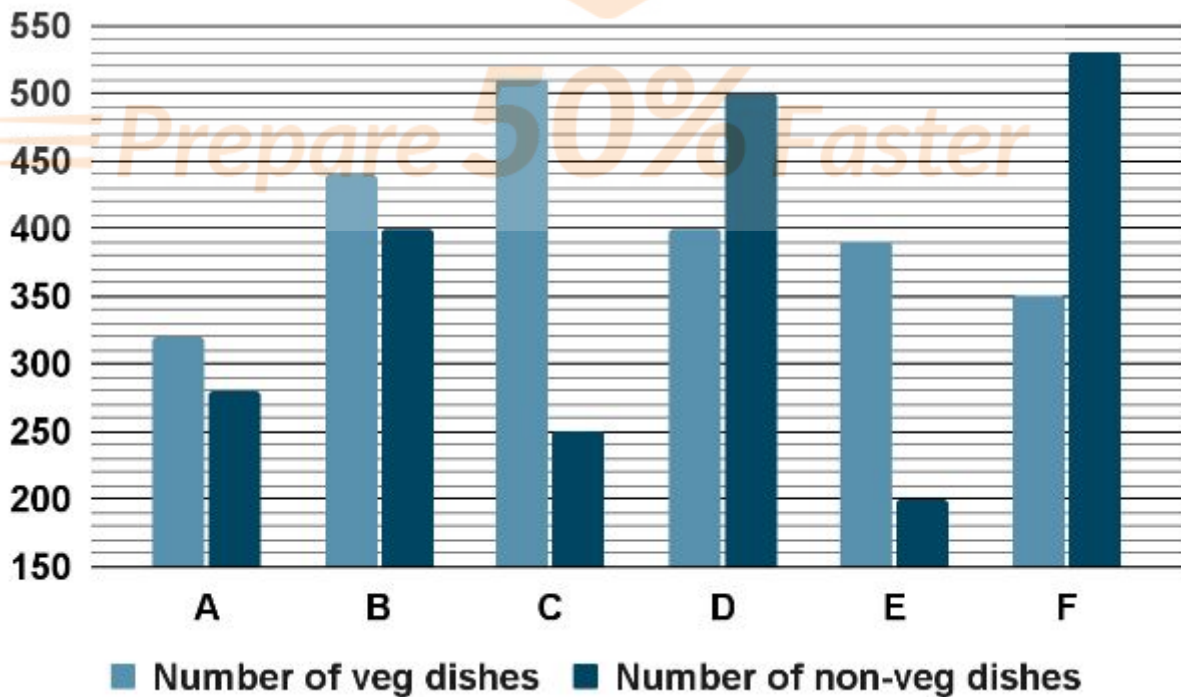
1. 108
2. 72
3. 126
4. 90
5. 100

Answer : 90

Direction:

Study the following information carefully and answer the questions.

The following bar graph shows the number of veg and non-veg dishes made by six restaurants.



**Note ::** Total number of dishes made by a particular restaurant = Number of veg dishes made by that particular restaurant + Number of non-veg dishes made by that particular restaurant

- Question No. 56

What is the sum of the total number of dishes made by restaurant A, D and F together?

Options :

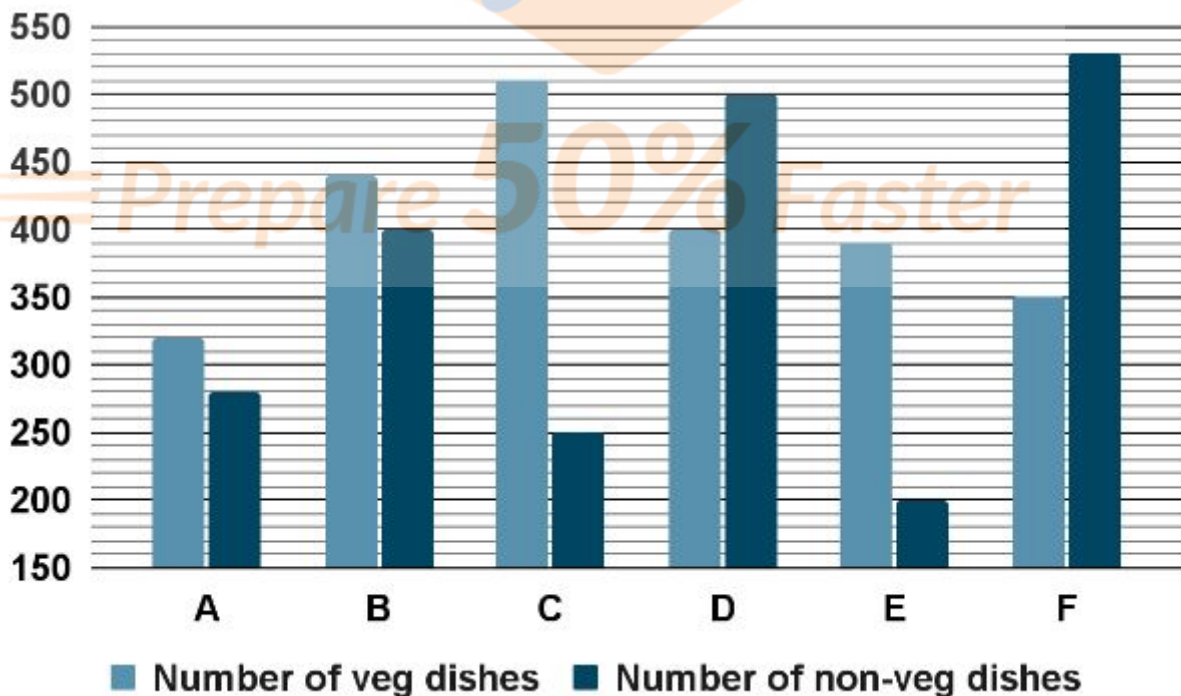
1. 2190
2. 2540
3. 2380
4. 2730
5. None of the above

Answer : 2380

Direction:

Study the following information carefully and answer the questions.

The following bar graph shows the number of veg and non-veg dishes made by six restaurants.



Note :: Total number of dishes made by a particular restaurant = Number of veg dishes made by that particular restaurant + Number of non-veg dishes made by that particular restaurant

- Question No. 57

The number of veg dishes made by restaurant B and E together is what percentage of the number of non veg dishes made by restaurant C?

**Options :**

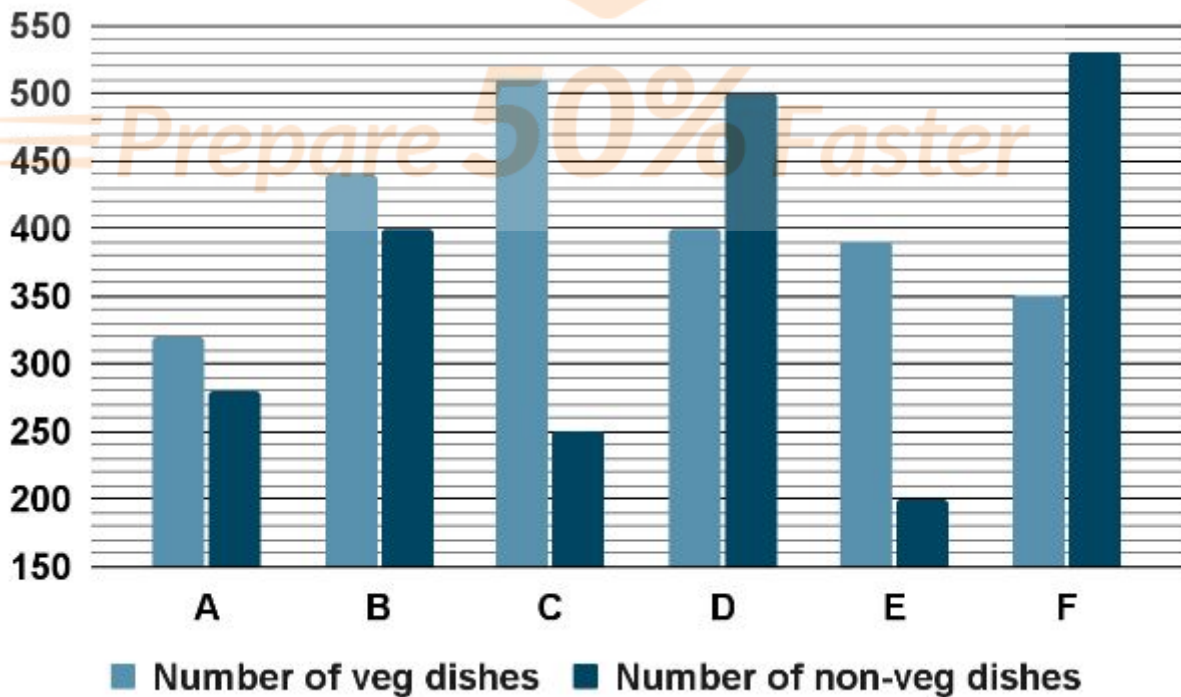
1. 332%
2. 364%
3. 386%
4. 308%
5. None of the above

Answer : 332%

Direction:

Study the following information carefully and answer the questions.

The following bar graph shows the number of veg and non-veg dishes made by six restaurants.



**Note ::** Total number of dishes made by a particular restaurant = Number of veg dishes made by that particular restaurant + Number of non-veg dishes made by that particular restaurant

- Question No. 58

If the number of veg dishes made by restaurant G is  $(y+3)\%$  more than the number of non-veg dishes made by restaurant B and the total number of dishes made by restaurant G is  $(y-2)\%$  more than the total number of dishes made by restaurant A and the number of non-veg dishes made by restaurant G is 240, then find out the value of 'y'.

Options :

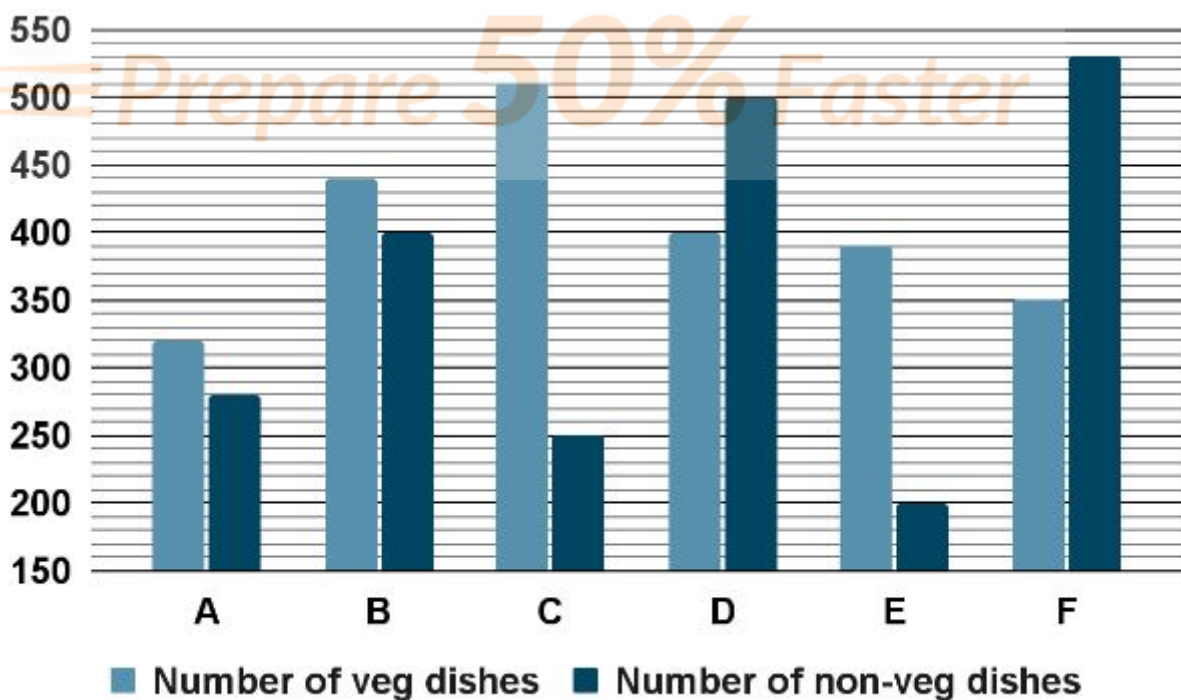
1. 28
2. 24
3. 32
4. 36
5. None of the above

Answer : 32

Direction:

Study the following information carefully and answer the questions.

The following bar graph shows the number of veg and non-veg dishes made by six restaurants.



Note :: Total number of dishes made by a particular restaurant = Number of veg dishes made by that particular restaurant + Number of non-veg dishes made by that particular restaurant



- Question No. 59

What is the ratio of the total number of non-veg dishes made by Restaurant B, D and E together to the total number of veg dishes made by Restaurant C and E together respectively?

**Options :**

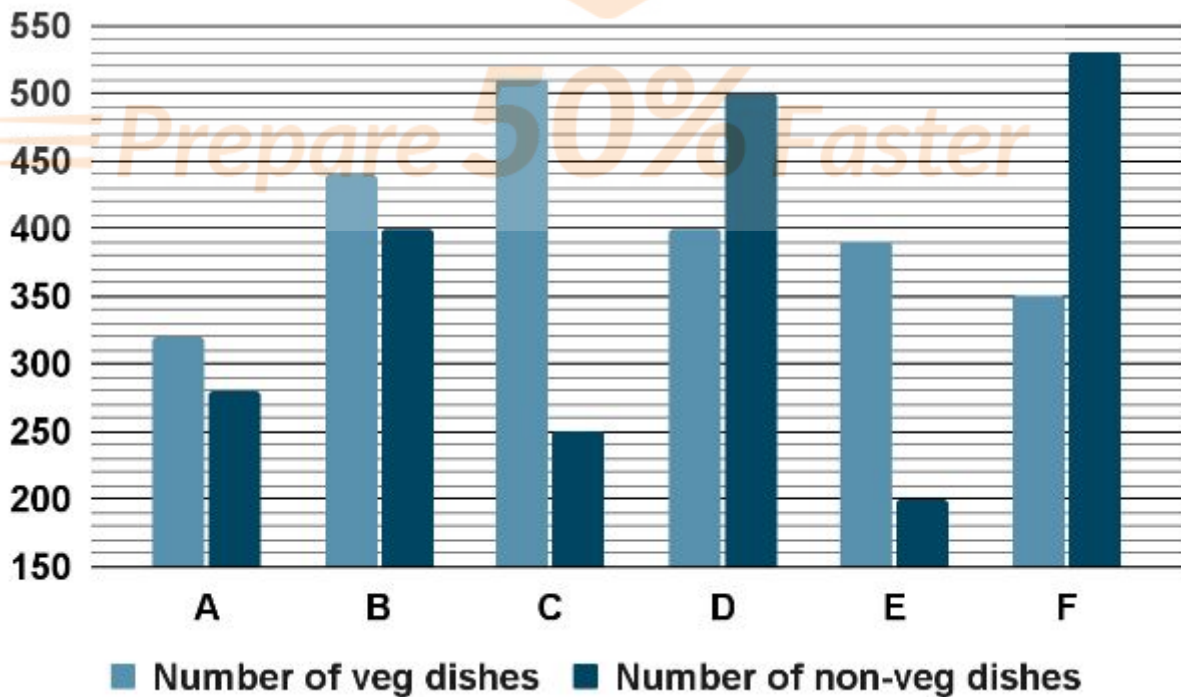
1. 11:9
2. 10:7
3. 13:11
4. 11:8
5. 13:10

Answer : 11:9

Direction:

Study the following information carefully and answer the questions.

The following bar graph shows the number of veg and non-veg dishes made by six restaurants.



**Note ::** Total number of dishes made by a particular restaurant = Number of veg dishes made by that particular restaurant + Number of non-veg dishes made by that particular restaurant



- Question No. 60

If the price of each veg and non-veg dish in Restaurant E is Rs.  $(z+9)$  and Rs.  $(z-14)$  respectively and the total price of all the dishes together in Restaurant E is Rs. 51450, then find out the value of 'z'.

**Options :**

1. 72
2. 84
3. 86
4. 78
5. None of the above

Answer : 86

Direction:

**What approximate value should come in place of (?) in the following questions?**

- Question No. 61

$15.98\%$  of 2199.9 =  $\sqrt{?}$  +  $17.02\%$  of 1799.97

**Options :**

1. 2302
2. 2084
3. 2254
4. 2108
5. 2116

Answer : 2116

Direction:

**What approximate value should come in place of (?) in the following questions?**

- Question No. 62

$\sqrt{624.98} - ? = \sqrt{(62.30 + 13.99 - 2.9^3)}$

Options :

- 1. 33
- 2. 28
- 3. 18
- 4. 19
- 5. 21

Answer : 18

Direction:

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

- Question No. 63

$$19.22 \times 11.99 + 142.15 = ?$$

Options :

- 1. 300
- 2. 370
- 3. 100
- 4. 240
- 5. 270

Answer : 370

Direction:

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

- Question No. 64

$$(15.98\% \text{ of } 399.99) - 6.998 = \sqrt{?}$$

Options :

- 1. 3249

2. 2500
3. 3364
4. 2025
5. 4900

Answer : 3249

Direction:

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

- Question No. 65

$$(10.01^3 - 12.04) = ? + 7.98\% \text{ of } 4999.98$$

Options :

1. -344
2. 588
3. 298
4. -481
5. 174

Answer : 588

- Question No. 66

Monthly savings of 'A' is Rs. 1000 more than his monthly expenditure and his total monthly income is Rs. 8200. If his monthly income is increased by 40% and his monthly savings is increased by 37.5%, then find the increase in his monthly expenditure

Options :

1. Rs. 1545
2. Rs. 1535
3. Rs. 1555
4. Rs. 1515

5. None of these

Answer : Rs. 1555

• Question No. 67

Rs. 4500 is invested in scheme 'A' for a year at simple interest of 40% p.a. The interest received from scheme 'A' is reinvested for 2 years in scheme 'B' which offers compound interest (compounded annually) of 20% p.a. What is the total amount received from scheme 'B'?

**Options :**

1. Rs. 2488
2. Rs. 2988
3. Rs.2592
4. Rs. 2188
5. None of these

Answer : Rs.2592

• Question No. 68

In a mixture of milk and water, the quantity of water is 50% more than the quantity of milk. If 16 liters of water is mixed into it, then the quantity of milk will be 34% less than the quantity of water. Find out the difference between the initial quantity of milk and water in the mixture (in liters).

**Options :**

1. 464
2. 560
3. 420
4. 528
5. None of the above

Answer : 528

- Question No. 69

A Shopkeeper marks the price of a refrigerator at Rs. 30,000/- and gives a discount of 15%. He also gives a mixer grinder worth Rs. 1,500 free with the refrigerator and actually earns a profit of 20% by selling the refrigerator. Find the cost price (in Rs.) of the refrigerator.

**Options :**

1. 21,250
2. 19,750
3. 18,250
4. Data inadequate
5. None of these

Answer : 19,750

- Question No. 70

A man travelled a total distance of 300 km. He travelled first 200 km on car with a speed of 40 km/h and rest of the distance on bike whose speed is 20 km/h less than that of the car. Find his average speed for the whole journey.

**Options :**

1. 32 km/h
2. 36 km/h
3. 30 km/h
4. 20 km/h
5. None of these

Answer : 30 km/h

Direction:

**In each of these questions, two equation I and II are given. You have to solve both the equations and give answer:**

- Question No. 71

I.  $6x^2 - 7x - 20 = 0$

II.  $3y^2 - y - 14 = 0$

**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 between  $x$  and  $y$ .

Answer : if  $x = y$  or no relation can be established between  $x$  and  $y$ .

Direction:

**In each of these questions, two equation I and II are given. You have to solve both the equations and give answer:**

- Question No. 72

I.  $(y - 5)^2 - 9 = 0$

II.  $x^2 - 3x + 2 = 0$

**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 between  $x$  and  $y$ .

Answer : if  $x \leq y$

Direction:

**In the following questions, two equations numbered I and II are given. You have to solve both the equations and determine the relationship between them and give answer:**

- Question No. 73

I.  $x^2 - 12x + 32 = 0$

II.  $y^2 + y - 20 = 0$

**Options :**

1. if  $x > y$
2. if  $y > x$
3. if  $y \leq x$
4. if  $x \leq y$
5.  $x = y$  or relationship cannot be determine

Answer : if  $y \leq x$

Direction:

**In the following questions, two equations numbered I and II are given. You have to solve both the equations and determine the relationship between them and give answer:**

- Question No. 74

I.  $x^2 - 13x + 40 = 0$

II.  $2y^2 - 15y + 13 = 0$

**Options :**

1. if  $x > y$
2. if  $y > x$
3. if  $y \leq x$
4. if  $x \leq y$
5.  $x = y$  or relationship cannot be determine

Answer :  $x = y$  or relationship cannot be determine

Direction:

**In the following questions, two equations numbered I and II are given. You have to solve both the equations and determine the relationship between them and give answer:**

- Question No. 75

I.  $5x + y = 37$

II.  $4y + x = 15$

**Options :**

1. if  $x > y$
2. if  $y > x$
3. if  $y \leq x$
4. if  $x \leq y$
5.  $x = y$  or relationship cannot be determine

Answer : if  $x > y$

Direction:

**Identify the wrong number in the following series.**

- Question No. 76

491520, 15420, 960, 120, 30, 15

**Options :**

1. 491520
2. 960
3. 120
4. 15420
5. 30

Answer : 15420

Direction:

**Identify the wrong number in the following series.**

- Question No. 77

1678, 1676, 1684, 1674, 1682, 1672

**Options :**

1. 1678



2. 1682
3. 1676
4. 1672
5. 1684

Answer : 1684

Direction:

**Identify the wrong number in the following series.**

- Question No. 78

335, 349, 358, 374, 399, 435

**Options :**

1. 358
2. 349
3. 335
4. 374
5. 435

Answer : 335

Direction:

**Identify the wrong number in the following series.**

- Question No. 79

2138, 2164, 2122, 2170, 2106, 2186, 2090

**Options :**

1. 2138
2. 2164
3. 2170
4. 2186
5. 2122

Answer : 2164

Direction:

**Identify the wrong number in the following series.**

- Question No. 80

65, 132, 399, 2000, 14007, 126072

**Options :**

1. 65
2. 132
3. 14007
4. 126072
5. 399

Answer : 126072

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