

Direction:

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

A certain number of persons are sitting in the row facing north direction. There are as many persons sit between D and F as sit between E and D. There are as many persons sit to the right of H as sit to the left of C. Six persons sit between E and H. H sits third from one of the extreme ends. F sits to the left of H. Four persons sit between C and D. F sits second to the left of D. Only one person sits between G and K, who sits second to the left of H.

- Question No. 1

What is the position of G with respect to F?

Options :

1. 9th to the left
2. 3rd to the right
3. 7th to the right
4. 4th to the right
5. None of these

Answer : 7th to the right

Direction:

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- Question No. 2

What is the maximum number of persons sitting in the row?

Options :

1. Seventeen

2. Nineteen
3. Thirteen
4. Eighteen
5. Cannot be determined

Answer : Nineteen

Direction:

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

A certain number of persons are sitting in the row facing north direction. There are as many persons sit between D and F as sit between E and D. There are as many persons sit to the right of H as sit to the left of C. Six persons sit between E and H. H sits third from one of the extreme ends. F sits to the left of H. Four persons sit between C and D. F sits second to the left of D. Only one person sits between G and K, who sits second to the left of H.

- Question No. 3

How many persons are sitting to the left of K?

Options :

1. Sixteen
2. Eight
3. Fourteen
4. Ten
5. None of these

Answer : Fourteen

Direction:

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

A certain number of persons are sitting in the row facing north direction. There are as many persons sit between D and F as sit between E and D. There are as many persons sit to the right of H as sit to the left of C. Six persons sit between E and H. H sits third from one of the extreme ends. F sits to the left of H. Four persons sit between C and D. F sits second to the left of D. Only one person sits between G and K, who sits second to the left of H.

• Question No. 4

The number of persons sit between G and H is same as the number of persons sit between E and _____?

Options :

1. D
2. F
3. C
4. K
5. None of these

Answer : F

Direction:

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

A certain number of persons are sitting in the row facing north direction. There are as many persons sit between D and F as sit between E and D. There are as many persons sit to the right of H as sit to the left of C. Six persons sit between E and H. H sits third from one of the extreme ends. F sits to the left of H. Four persons sit between C and D. F sits second to the left of D. Only one person sits between G and K, who sits second to the left of H.

• Question No. 5

If E and C interchange their position, then who among the following sits fifth to the right of C?

Options :

1. G
2. H
3. F
4. K
5. No one

Answer : K

Direction:

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

In a certain code language:

'Along better defence' is written as 'me gn rm',

'defence crisis always' is written as 'rm yu bk',

'respect always took' is written as 'yu gd wq'

'defence better royal' is written as 'gn rm zx'.

• Question No. 6

What is the code for ' crisis royal ' in the given code language?

Options :

1. rm bk
2. zx yu
3. bk zx
4. gd bk
5. None of these

Answer : bk zx

Direction:

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

In a certain code language:

'Along better defence' is written as 'me gn rm',

'defence crisis always' is written as 'rm yu bk',

'respect always took' is written as 'yu gd wq'

'defence better royal' is written as 'gn rm zx'.

• Question No. 7

What is the code for ' defence' in the given code language?

Options :

1. yu
2. zx
3. me
4. rm
5. None of these

Answer : rm

Direction:

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

In a certain code language:

'Along better defence' is written as 'me gn rm',

'defence crisis always' is written as 'rm yu bk',

'respect always took' is written as 'yu gd wq'

'defence better royal' is written as 'gn rm zx'.

- Question No. 8

What is the code for 'took' in the given code language?

Options :

1. yu
2. wq
3. zx
4. gd
5. Can't be determined

Answer : Can't be determined

Direction:

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

In a certain code language:

'Along better defence' is written as 'me gn rm',

'defence crisis always' is written as 'rm yu bk',

'respect always took' is written as 'yu gd wq'

'defence better royal' is written as 'gn rm zx'.

• Question No. 9

What may be the code for 'better respect' in the given code language?

Options :

1. zx wq
2. gd yu
3. gn gd
4. Either (1) or (3)
5. None of these

Answer : gn gd

Direction:

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

In a certain code language:

'Along better defence' is written as 'me gn rm',

'defence crisis always' is written as 'rm yu bk',

'respect always took' is written as 'yu gd wq'

'defence better royal' is written as 'gn rm zx'.

• Question No. 10

What is the code for 'always' ?

Options :

1. yu
2. wq
3. gd
4. rm
5. None of these

Answer : yu

Direction:

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

Eight persons live on a four-storey building such as ground floor is numbered as 1, floor just above it is numbered as 2 and so on till the topmost floor is numbered as 4. Each of the floors has 2 flats in it i.e. Flat-1 and Flat-2. Flat-1 of floor-2 is immediately above Flat-1 of floor-1 and immediately below Flat-1 of floor-3 and so on. In the same way Flat-2 of floor-2 is immediately above flat- 2 of floor-1 and immediately below Flat-2 of floor-3 and so on. Flat-1 is in west of Flat-2. J lives to the southwest of H and lives on an even-numbered floor. Y lives above X's floor. G lives to the northwest of N. Both M and K live in the same flat (either in Flat 1 or in Flat 2). M lives to the north of H. There is one-floor gap between G and N. K lives on an odd-numbered floor.

• Question No. 11

Who among the following lives on 2nd floor in Flat 2?

Options :

1. X
2. M
3. G
4. N
5. None of these

Answer : N

Direction:

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

Eight persons live on a four-storey building such as ground floor is numbered as 1, floor just above it is numbered as 2 and so on till the topmost floor is numbered as 4. Each of the floors has 2 flats in it i.e. Flat-1 and Flat-2. Flat-1 of floor-2 is immediately above Flat-1 of floor-1 and immediately below Flat-1 of floor-3 and so on. In the same way Flat-2 of floor-2 is immediately above flat- 2 of floor-1 and immediately below Flat-2 of floor-3 and so on. Flat-1 is in west of Flat-2. J lives to the southwest of H and lives on an even-numbered floor. Y lives above X's floor. G lives to the northwest of N. Both M and K live in the same flat (either in Flat 1 or in Flat 2). M lives to the north of H. There is one-floor gap between G and N. K lives on an odd-numbered floor.

• Question No. 12

Four of the following are alike in a certain way and hence form a group find the one which does not belong to that group?

Options :

1. Y
2. X
3. K
4. G
5. J

Answer : K

Direction:

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

Eight persons live on a four-storey building such as ground floor is numbered as 1, floor just above it is numbered as 2 and so on till the topmost floor is numbered as 4. Each of the floors has 2 flats in it i.e. Flat-1 and Flat-2. Flat-1 of floor-2 is immediately above Flat-1 of floor-1 and immediately below Flat-1 of floor-3 and so on. In the same way Flat-2 of floor-2 is immediately above flat- 2 of floor-1 and immediately below Flat-2 of floor-3 and so on. Flat-1 is in west of Flat-2. J lives to the southwest of H and lives on an even-numbered floor. Y lives above X's floor. G lives to the northwest of N. Both M and K live in the same flat (either in Flat 1 or in Flat 2). M lives to the north of H. There is one-floor gap between G and N. K lives on an odd-numbered floor.

• Question No. 13

Which among the following statement is true?

Options :

1. K lives on immediate right of X's flat
2. X lives on the second floor
3. G and K live on the same flat number
4. Y lives on floor 2 of flat 1
5. J and N live on the different floor

Answer : K lives on immediate right of X's flat

Direction:

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

Eight persons live on a four-storey building such as ground floor is numbered as 1, floor just above it is numbered as 2 and so on till the topmost floor is numbered as 4. Each of the floors has 2 flats in it i.e. Flat-1 and Flat-2. Flat-1 of floor-2 is immediately above Flat-1 of floor-1 and immediately below Flat-1 of floor-3 and so on. In the same way Flat-2 of floor-2 is immediately above flat- 2 of floor-1 and immediately below Flat-2 of floor-3 and so on. Flat-1 is in west of Flat-2. J lives to the southwest of H and lives on an even-numbered floor. Y lives above X's floor. G lives to the northwest of N. Both M and K live in the same flat (either in Flat 1 or in Flat 2). M lives to the north of H. There is one-floor gap between G and N. K lives on an odd-numbered floor.

- Question No. 14

How many floors gap is there between M and K?

Options :

1. Three
2. Two
3. Can't be determined
4. One
5. None of these

Answer : Two

Direction:

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

Eight persons live on a four-storey building such as ground floor is numbered as 1, floor just above it is numbered as 2 and so on till the topmost floor is numbered as 4. Each of the floors has 2 flats in it i.e. Flat-1 and Flat-2. Flat-1 of floor-2 is immediately above Flat-1 of floor-1 and immediately below Flat-1 of floor-3 and so on. In the same way Flat-2 of floor-2 is immediately above flat- 2 of floor-1 and immediately below Flat-2 of floor-3 and so on. Flat-1 is in west of Flat-2. J lives to the southwest of H and lives on an even-numbered floor. Y lives above X's floor. G lives to the northwest of N. Both M and K live in the same flat (either in Flat 1 or in Flat 2). M lives to the north of H. There is one-floor gap between G and N. K lives on an odd-numbered floor.

- Question No. 15

Which among the following combination is true?

Options :

1. X- 3rd floor
2. Y- Flat 2
3. N - 2nd floor
4. K- Flat 1
5. None is true

Answer : N - 2nd floor

- Question No. 16

How many pairs of letters are there in the word "GRANDUAL" each of which has as many letters between them in the word as they have between them in the English alphabetical series?

Options :

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

Answer : Two

Direction:

Study the information and answer the given questions:

There are ten persons namely D, E, F, G, H, J, K, L, M and N. They were born on 14th and 19th of different months i.e. January, March, April, June and July but not necessarily in the same order. Four persons were born between K and L. H was not born on an even date. K was born before L. G was born on an even date of the month which has even number of days after H. K was born in the month which has odd number of days but not in January. D was born just before H. Only two persons were born between M and N. H and J were born on the same date but in different months. J was born just after F but not in April and January. M was born in the month which has odd numbers of days. Only three persons were born between E and J.

- Question No. 17

Who among the following was born in the month which has less than 31 days?

Options :

1. H
2. N
3. L
4. J
5. Both (2) and (3)

Answer : Both (2) and (3)

Direction:

Study the information and answer the given questions:

There are ten persons namely D, E, F, G, H, J, K, L, M and N. They were born on 14th and 19th of different months i.e. January, March, April, June and July but not necessarily in the same order. Four persons were born between K and L. H was not born on an even date. K was born before L. G was born on an even date of the month which has even number of days after H. K was born in the month which has odd number of days but not in January. D was born just before H. Only two persons were born between M and N. H and J were born on the same date but in different months. J was born just after F but not in April and January. M was born in the month which has odd numbers of days. Only three persons were born between E and J.

• Question No. 18

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

Options :

1. J
2. G
3. E
4. L
5. H

Answer : G

Direction:

Study the information and answer the given questions:

There are ten persons namely D, E, F, G, H, J, K, L, M and N. They were born on 14th and 19th of different months i.e. January, March, April, June and July but not necessarily in the same order. Four persons were born between K and L. H was not born on an even date. K was born before L. G was born on an even date of the month which has even number of days after H. K was born in the month which has odd number of days but not in January. D was born just before H. Only two persons were born between M and N. H and J were born on the same date but in different months. J was born just after F but not in April and January. M was born in the month which has odd numbers of days. Only three persons were born between E and J.

• Question No. 19

Who among the following was born on 19th June?

Options :

1. N
2. L
3. H
4. None of these

5. G

Answer : L

Direction:

Study the information and answer the given questions:

There are ten persons namely D, E, F, G, H, J, K, L, M and N. They were born on 14th and 19th of different months i.e. January, March, April, June and July but not necessarily in the same order. Four persons were born between K and L. H was not born on an even date. K was born before L. G was born on an even date of the month which has even number of days after H. K was born in the month which has odd number of days but not in January. D was born just before H. Only two persons were born between M and N. H and J were born on the same date but in different months. J was born just after F but not in April and January. M was born in the month which has odd numbers of days. Only three persons were born between E and J.

- Question No. 20

Who among the following are the persons who were born on the first and the last day?

Options :

1. D, J
2. D, N
3. E, J
4. F, M
5. K, D

Answer : D, J

Direction:

Study the information and answer the given questions:

There are ten persons namely D, E, F, G, H, J, K, L, M and N. They were born on 14th and 19th of different months i.e. January, March, April, June and July but not necessarily in the same order. Four persons were born between K and L. H was not born on an even date. K was born before L. G was born on an even date of the month which has even number of days after H. K was born in the month which has odd number of days but not in January. D was born just before H. Only two persons were born between M and N. H and J were born on the same date but in different months. J was born just after F but not in April and January. M was born in the month which has odd numbers of

days. Only three persons were born between E and J.

• Question No. 21

How many persons were born between H and N?

Options :

1. Four
2. More than four
3. Three
4. No one
5. Two

Answer : Four

Direction:

In these questions, relationship between different elements is shown in the statements. These statements are followed by two conclusions:

• Question No. 22

Statements: $Q \geq U < A = Y > N \geq L = Z$

Conclusion: I. $Z < A$

II. $U > N$

Options :

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

Answer : If only conclusion I follows.

Direction:

In these questions, relationship between different elements is shown in the statements. These statements are followed by two conclusions:

- Question No. 23

Statements: $V < S \leq D > J \geq K = T > W$

Conclusion: I. $S < W$

II. $T \leq S$

Options :

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

Answer : If neither conclusion I nor II follows.

Direction:

In these questions, relationship between different elements is shown in the statements. These statements are followed by two conclusions:

- Question No. 24

Statement: $H > G = F \geq U \geq M < O < R$

Conclusions: I. $M \leq G$

II. $F \geq M$

Options :

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

Answer : If both conclusion I and II follow.

Direction:

In these questions, relationship between different elements is shown in the statements. These statements are followed by two conclusions:

- Question No. 25

Statement: $R \geq V > C = B \leq O \geq J > Y$

Conclusions: I. $V \geq J$

II. $Y < C$

Options :

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

Answer : If neither conclusion I nor II follows.

Direction:

In these questions, relationship between different elements is shown in the statements. These statements are followed by two conclusions:

- Question No. 26

Statement: $R \geq C < P > N = Q \geq E < G$

Conclusions: I. $N < R$

II. $E < P$

Options :

1. If only conclusion II follows.
2. If neither conclusion I nor II follows.

3. If only conclusion I follows.
4. If either conclusion I or II follows.
5. If both conclusion I and II follow.

Answer : If only conclusion II follows.

• Question No. 27

If in the word 'PRODUCE', all the vowels are changed to the next letter and all the consonants are changed to the previous letter. Which of the following letters is second from the right end?

Options :

1. Q
2. B
3. V
4. P
5. O

Answer : B

Direction:

Study the following information and answer the given questions:

Nine students are sitting in a row either facing north or south direction. They like different subjects viz. Reasoning, English and Quant. They are sitting adjacent to each other in a group of three each likes different subjects. Z and S face opposite directions. One person sits between Z and T, who faces south. Z is 3rd to the left of P and likes Reasoning. No two persons who like same subjects sit together. The number of person sitting between K and R is same as between R and S. All the persons who likes Quant face north except the one sitting 2nd to the right of P. Not more than two persons facing same direction sit together. P sits exactly in middle of the row. One of the neighbour of Z is W, who likes English. V is 3rd to the left of T and likes Quant. R likes English. Y is one of the persons and does not like same subject as Z. More than three persons sit between Z and S. All the persons who like English face north. S does not like Quant or English. K likes Quant.

• Question No. 28

How many persons sit to the left of T?

Options :

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

Answer : Five

Direction:

Study the following information and answer the given questions:

Nine students are sitting in a row either facing north or south direction. They like different subjects viz. Reasoning, English and Quant. They are sitting adjacent to each other in a group of three each likes different subjects. Z and S face opposite directions. One person sits between Z and T, who faces south. Z is 3rd to the left of P and likes Reasoning. No two persons who like same subjects sit together. The number of person sitting between K and R is same as between R and S. All the persons who likes Quant face north except the one sitting 2nd to the right of P. Not more than two persons facing same direction sit together. P sits exactly in middle of the row. One of the neighbour of Z is W, who likes English. V is 3rd to the left of T and likes Quant. R likes English. Y is one of the persons and does not like same subject as Z. More than three persons sit between Z and S. All the persons who like English face north. S does not like Quant or English. K likes Quant.

- Question No. 29

Four of the following five belongs to a group find the one that does not belong to that group?

Options :

1. Y – English – North
2. K – Quant – North
3. T – Reasoning – South
4. R- English –South
5. S – Reasoning – North

Answer : R- English –South

Direction:

Study the following information and answer the given questions:

Nine students are sitting in a row either facing north or south direction. They like different subjects viz. Reasoning, English and Quant. They are sitting adjacent to each other in a group of three each likes different subjects. Z and S face opposite directions. One person sits between Z and T, who faces south. Z is 3rd to the left of P and likes Reasoning. No two persons who like same subjects sit together. The number of person sitting between K and R is same as between R and S. All the persons who likes Quant face north except the one sitting 2nd to the right of P. Not more than two persons facing same direction sit together. P sits exactly in middle of the row. One of the neighbour of Z is W, who likes English. V is 3rd to the left of T and likes Quant. R likes English. Y is one of the persons and does not like same subject as Z. More than three persons sit between Z and S. All the persons who like English face north. S does not like Quant or English. K likes Quant.

- Question No. 30

Which of the following statement is not true regarding K?

Options :

1. Three persons sit between K and V
2. K likes Quant and faces north direction
3. None of these
4. Both the neighbours of K likes Reasoning
5. Y sits next to K

Answer : Y sits next to K

Direction:

Study the following information and answer the given questions:

Nine students are sitting in a row either facing north or south direction. They like different subjects viz. Reasoning, English and Quant. They are sitting adjacent to each other in a group of three each likes different subjects. Z and S face opposite directions. One person sits between Z and T, who faces south. Z is 3rd to the left of P and likes Reasoning. No two persons who like same subjects sit together. The number of person sitting between K and R is same as between R and S. All the persons who likes Quant face north except the one sitting 2nd to the right of P.

Not more than two persons facing same direction sit together. P sits exactly in middle of the row. One of the neighbour of Z is W, who likes English. V is 3rd to the left of T and likes Quant. R likes English. Y is one of the persons and does not like same subject as Z. More than three persons sit between Z and S. All the persons who like English face north. S does not like Quant or English. K likes Quant.

- Question No. 31

Who among the following likes Reasoning?

Options :

1. Y
2. Z
3. K
4. V
5. None of these

Answer : Z

Direction:

Study the following information and answer the given questions:

Nine students are sitting in a row either facing north or south direction. They like different subjects viz. Reasoning, English and Quant. They are sitting adjacent to each other in a group of three each likes different subjects. Z and S face opposite directions. One person sits between Z and T, who faces south. Z is 3rd to the left of P and likes Reasoning. No two persons who like same subjects sit together. The number of person sitting between K and R is same as between R and S. All the persons who likes Quant face north except the one sitting 2nd to the right of P. Not more than two persons facing same direction sit together. P sits exactly in middle of the row. One of the neighbour of Z is W, who likes English. V is 3rd to the left of T and likes Quant. R likes English. Y is one of the persons and does not like same subject as Z. More than three persons sit between Z and S. All the persons who like English face north. S does not like Quant or English. K likes Quant.

- Question No. 32

How many persons sit between Z and S?

Options :

1. Three
2. Six
3. Four
4. Eight
5. Five

Answer : Six

Direction:

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

- Question No. 33

Statements:

Only a few quality are quantity.

Every quantity is weight.

No weight is pound.

Conclusions:

- I. All weight being quantity is a possibility.
- II. Some quality can be pound as well.
- III. No pound is quantity is a possibility.

Options :

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

Answer : Only I and II follow

Direction:

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

- Question No. 34

Statements:

Only shopping are brand.

Only a few shopping are picture.

Some pictures are not ambassadors.

Conclusions:

- I. Some brands are not ambassadors is a possibility.
- II. Some ambassadors may not be pictures.
- III. All shoppings may be ambassadors.

Options :

1. Only II follows
2. All follow
3. Only I and II follow
4. Only III follows
5. Only II and III follow

Answer : Only II follows

Direction:

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

- Question No. 35

Statements:

Some list are not channel.

Only a few channel are summary.

Only summary are preface.

Conclusions:

I. Some list may be summary.

II. All summary being channel is a possibility.

III. No list is channel is a possibility.

Options :

1. Only II follows
2. None follows
3. Only I and III follow
4. Only III follows
5. All follows

Answer : Only I and III follow

Direction:

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

- Question No. 36

Statements:

No handle is a gear.

All gear are steering.

Only a few steering are break.

Conclusions:

I. All gear may be break.

II. All handle are steering is a possibility.

III. All steering can be gear.

Options :

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

Answer : All follow

Direction:

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

- Question No. 37

Statements:

Some HRX are Roadster.

Only Roadster are Libas.

Only a few Roadster are Dressberry.

Conclusions:

I. Some Dressberry being HRX is a possibility.

II. Some Libas are not Dressberry is a possibility.

III. All Roadster cannot be HRX.

Options :

1. Only I follows

2. None follows
3. Only I and III follow
4. Only III follows
5. Only II and III follow

Answer : Only I and III follow

Direction:

Study the following information carefully and answer the questions below:-

A person starts from point A goes 4 km towards east and reaches point X, then he takes his left and goes 4 km, now he takes his right and goes 3km, reached point B. From point B, he walked 10km towards south and reaches final point D.

- Question No. 38

What is the total distance between point X and point B?

Options :

1. 4km
2. 7km
3. 13km
4. 10km
5. None of these

Answer : 7km

Direction:

Study the following information carefully and answer the questions below:-

A person starts from point A goes 4 km towards east and reaches point X, then he takes his left and goes 4 km, now he takes his right and goes 3km, reached point B. From point B, he walked 10km towards south and reaches final point D.

- Question No. 39

If at point X, the person starts walking to his west and walks for 9km reaches point K, then what will be the distance between point A and K?

Options :

1. 4km
2. 11km
3. 3km
4. 5km
5. None of these

Answer : 5km

- Question No. 40

E is the only child of F and R is granddaughter of G, who is husband of F. I is father of U and son-in-law of F. How is E related to U?

Options :

1. Mother
2. Aunt
3. Mother – in - law
4. Sister
5. None of these

Answer : Mother

Direction:

Find the value of (?) in the following number series.

- Question No. 41

1.5, 3, 12, 72, 576, ?

Options :

1. 5810

- 2. 5760
- 3. 5620
- 4. 5490
- 5. None of these

Answer : 5760

Direction:

Find the value of (?) in the following number series.

- Question No. 42

80, 66, 85, 61, 90, ?

Options :

- 1. 62
- 2. 52
- 3. 60
- 4. 56
- 5. None of these

Answer : 56

Direction:

Find the value of (?) in the following number series.

- Question No. 43

163, ?, 43, 23, 13, 8

Options :

- 1. 83
- 2. 79
- 3. 75
- 4. 85
- 5. None of these

Answer : 83

Direction:

Find the value of (?) in the following number series.

- Question No. 44

150, 152, 157, 167, 184, ?

Options :

1. 198
2. 210
3. 206
4. 202
5. None of these

Answer : 210

Direction:

Find the value of (?) in the following number series.

- Question No. 45

3.5, 2.5, 3, 6, 20, ?

Options :

1. 95
2. 90
3. 105
4. 85
5. None of these

Answer : 95

Direction:

Find the value of (?) in the following number series.

- Question No. 46

6300, ?, 525, 105, 17.5, 2.5

Options :

1. 1800
2. 2100
3. 2400
4. 2700
5. None of these

Answer : 2100

- Question No. 47

'A' invested Rs.4000 and 'B' invested Rs.1000 more than A. After eight months 'C' invested Rs.3000. If at the end of the year 'C' gets profit of Rs.700, then find the total profit.

Options :

1. Rs. 6800
2. Rs. 4900
3. Rs. 9100
4. Rs. 7000
5. None of these

Answer : Rs. 7000

- Question No. 48

440 meters long train passes a platform in 80 seconds. If speed of train is increased by 3 m/sec, then it crosses a pole in 22 seconds. Find the length of platform.

Options :

1. 860 m

2. 920 m
3. 780 m
4. 680 m
5. None of these

Answer : 920 m

• Question No. 49

Speed of boat in still water is six times of speed of stream. If boat covers 210 km in upstream in 7 hours, then find the downstream speed of boat?

Options :

1. 35 km/hr
2. 42 km/hr
3. 49 km/hr
4. 28 km/hr
5. None of these

Answer : 42 km/hr

• Question No. 50

Selling price of an article becomes Rs.2160 after giving two successive discounts of $x\%$ and 25% and marked price of article is Rs.3600. Find the cost price of article if there is a profit of $x\%$ on selling the article after giving two successive discounts.

Options :

1. Rs. 1500
2. Rs. 2400
3. Rs. 1800
4. Rs. 2100
5. None of these

Answer : Rs. 1800

Direction:

Study the table given below and answer the following questions.

Table gives information about total number of students in 3 different schools in 1999 & 2000 and also gives information about total number of girls in these 3 schools in 1999 & 2000.

School	Year			
	1999		2000	
	Total students	Total girls	Total students	Total girls
A	750	350	950	500
B	350	200	650	250
C	500	300	450	300

Note: Total students in any school in any year = Total (Boys + Girls) in that school in that year.

- Question No. 51

If average number of students in school A in 1999, 2000 & 2001 are 750, then find total number of students in school A in 2001.

Options :

1. 650

2. 450

3. 750

4. 550

5. None of these

Answer : 550

Direction:

Study the table given below and answer the following questions.

Table gives information about total number of students in 3 different schools in 1999 & 2000 and also gives information about total number of girls in these 3 schools in 1999 & 2000.

School	Year			
	1999		2000	
	Total students	Total girls	Total students	Total girls
A	750	350	950	500
B	350	200	650	250
C	500	300	450	300

Note: Total students in any school in any year = Total (Boys + Girls) in that school in that year.

• Question No. 52

Number of girls in school – A & B together in 2000 are what percent more or less than total number of students in school – B & C together in 2000?

Options :

1. 26%
2. 44%
3. 32%
4. 18%
5. None of these

Answer : 32%

Direction:

Study the table given below and answer the following questions.

Table gives information about total number of students in 3 different schools in 1999 & 2000 and also gives information about total number of girls in these 3 schools in 1999 & 2000.

School	Year			
	1999		2000	
	Total students	Total girls	Total students	Total girls
A	750	350	950	500
B	350	200	650	250
C	500	300	450	300

Note: Total students in any school in any year = Total (Boys + Girls) in that school in that year.

- Question No. 53

Total number of girls in school – A, B & C together in 1999 are how much more or less than total number of girls in school – A, B & C together in 2000?

Options :

1. 140
2. 180
3. 220
4. 240
5. 200

Answer : 200

Direction:

Study the table given below and answer the following questions.

Table gives information about total number of students in 3 different schools in 1999 & 2000 and also gives information about total number of girls in these 3 schools in 1999 & 2000.

School	Year			
	1999		2000	
	Total students	Total girls	Total students	Total girls
A	750	350	950	500
B	350	200	650	250
C	500	300	450	300

Note: Total students in any school in any year = Total (Boys + Girls) in that school in that year.

- Question No. 54

Find total number of boys in school – A, B & C together in 1999.

Options :

1. 950
2. 750
3. 850
4. 650
5. None of these

Answer : 750

Direction:

Study the table given below and answer the following questions.

Table gives information about total number of students in 3 different schools in 1999 & 2000 and also gives information about total number of girls in these 3 schools in 1999 & 2000.

School	Year			
	1999		2000	
	Total students	Total girls	Total students	Total girls
A	750	350	950	500
B	350	200	650	250
C	500	300	450	300

Note: Total students in any school in any year = Total (Boys + Girls) in that school in that year.

- Question No. 55

Total number of students in school – A, B & C in 1999 are what percent of total students in school – B in 2000?

Options :

1. 246%
2. 262%
3. 258%
4. 234%
5. None of these

Answer : 246%

Direction:

Study the table given below and answer the following questions.

Table gives information about total number of students in 3 different schools in 1999 & 2000 and also gives information about total number of girls in these 3 schools in 1999 & 2000.

School	Year			
	1999		2000	
	Total students	Total girls	Total students	Total girls
A	750	350	950	500
B	350	200	650	250
C	500	300	450	300

Note: Total students in any school in any year = Total (Boys + Girls) in that school in that year.

- Question No. 56

Find ratio of number of boys in school – B in 2000 to number of boys in school – C in 2000.

Options :

1. 8:3
2. 3:4
3. 2:5
4. 7:4
5. None of these

Answer : 8:3

- Question No. 57

There are 5 green balls, 7 blue balls and 3 red balls in a bag. If 2 balls are chosen randomly from the bag, then find the probability that at least one ball is green ball.

Options :

1. $\frac{4}{7}$
2. $\frac{3}{5}$

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

Answer : $\frac{4}{7}$

• Question No. 58

Ratio of ages of A and B, 4 years later is 8:9 respectively. If average of present ages of A & B is 47 years, then find difference in present ages of A & B.

Options :

- 1. 6 years
- 2. 9 years
- 3. 3 years
- 4. 7 years
- 5. None of these

Answer : 6 years

• Question No. 59

A vessel contains mixture of milk and water in the ratio of 7:1 respectively. 24 liters mixture is removed from the vessel and if the quantity of remaining milk in the vessel is 56 liters, then find quantity of water in the vessel initially.

Options :

- 1. 14 litres
- 2. 9 litres
- 3. 7 litres
- 4. 11 litres
- 5. None of these

Answer : 11 litres

• Question No. 60

A & B together can complete a piece of work in 9 days. Time taken by A alone to complete the same work is 7.5 days less than time taken by B alone to complete the same work. In how many days B alone will complete $(\frac{2}{9})$ of the work?

Options :

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

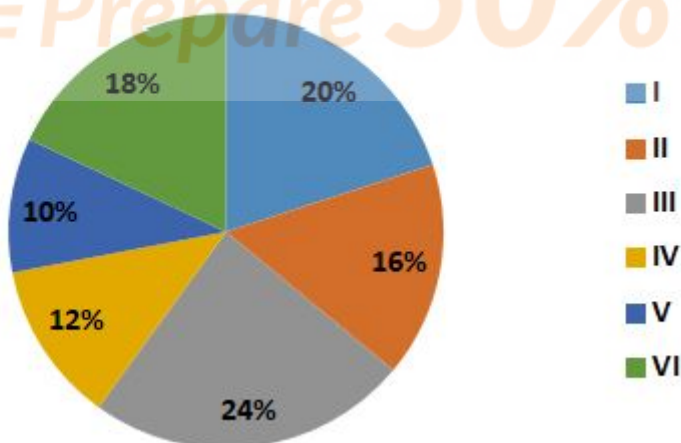
Answer : 5 days

Direction:

Study the pie chart given below and answer the following questions.

Pie chart shows the percentage distribution of total students appeared in six different shifts of an exam.

Total students appeared in exam - 8250



• Question No. 61

Find average number of students appeared in shift I, II & III of the exam.

Options :

1. 1750
2. 1450
3. 1850
4. 1650
5. None of these

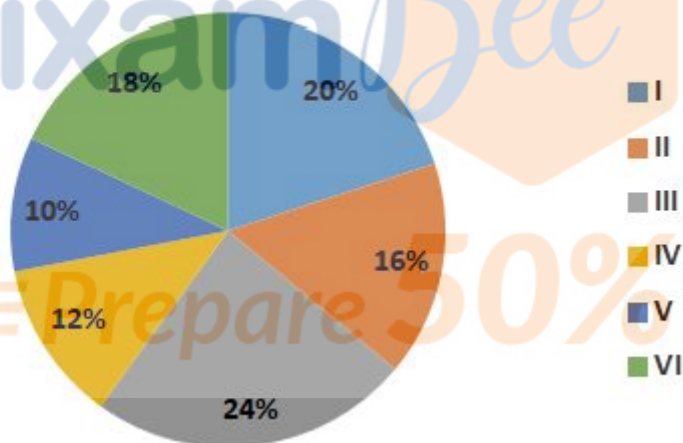
Answer : 1650

Direction:

Study the pie chart given below and answer the following questions.

Pie chart shows the percentage distribution of total students appeared in six different shifts of an exam.

Total students appeared in exam - 8250



- Question No. 62

Find the central angle for students appeared in shift II of the examination.

Options :

1. 42.8°
2. 57.6°
3. 72°
4. 60.2°

5. None of these

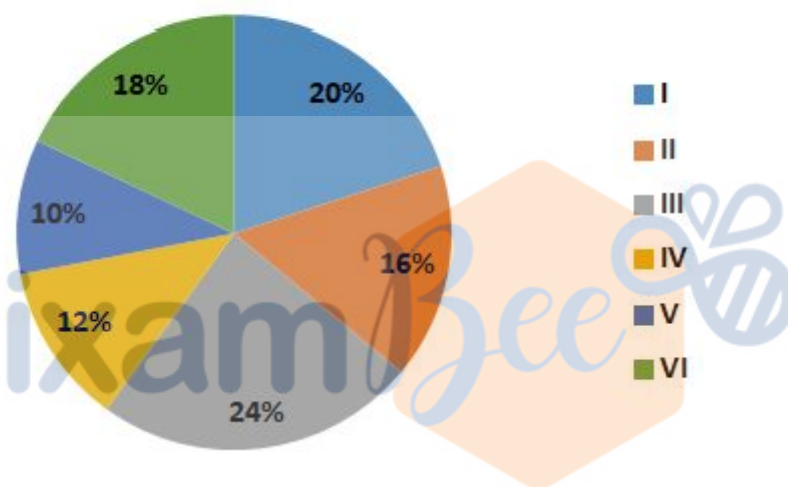
Answer : 57.6°

Direction:

Study the pie chart given below and answer the following questions.

Pie chart shows the percentage distribution of total students appeared in six different shifts of an exam.

Total students appeared in exam - 8250



• Question No. 63

Find total number of students appeared in shift V & VI together of the examination.

Options :

1. 2310
2. 1920
3. 2140
4. 2050
5. None of these

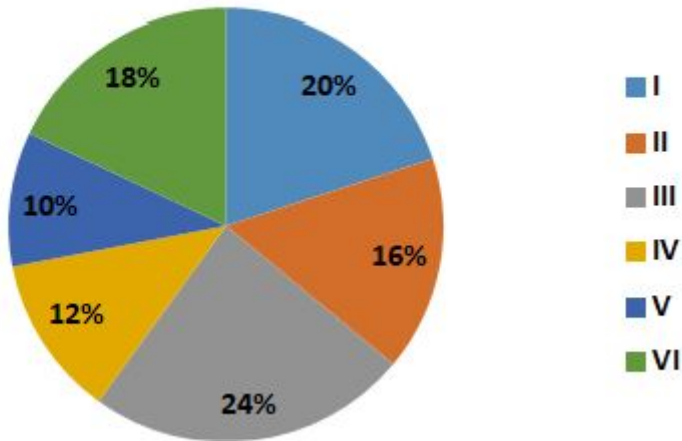
Answer : 2310

Direction:

Study the pie chart given below and answer the following questions.

Pie chart shows the percentage distribution of total students appeared in six different shifts of an exam.

Total students appeared in exam - 8250



- Question No. 64

Students appeared in shift III & IV together of the examination are what percent more or less than students appeared in shift I of the examination?

Options :

1. 40%
2. 30%
3. 80%
4. 60%
5. None of these

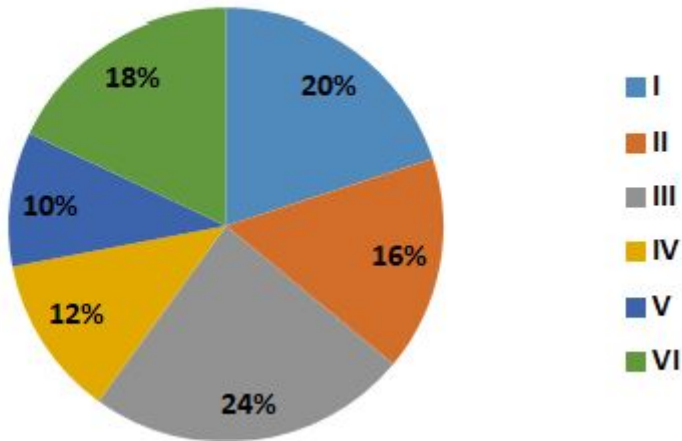
Answer : 80%

Direction:

Study the pie chart given below and answer the following questions.

Pie chart shows the percentage distribution of total students appeared in six different shifts of an exam.

Total students appeared in exam - 8250



- Question No. 65

Find ratio of students appeared in shift IV & VI together of the examination to students appeared in shift II & III together of the examination.

Options :

1. 3 : 2

2. 1 : 3

3. 4 : 3

4. 3 : 7

5. 3 : 4

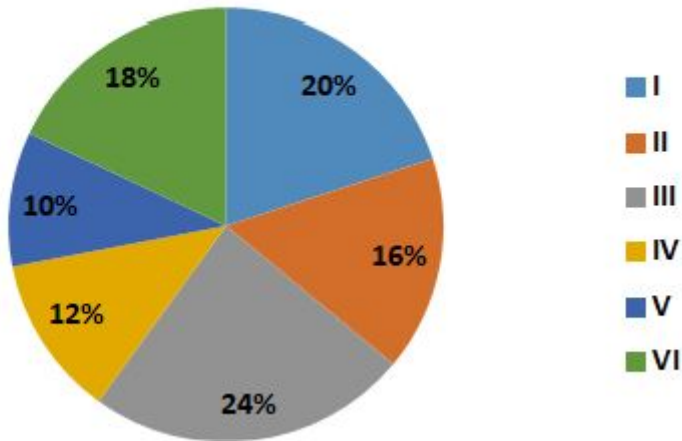
Answer : 3 : 4

Direction:

Study the pie chart given below and answer the following questions.

Pie chart shows the percentage distribution of total students appeared in six different shifts of an exam.

Total students appeared in exam - 8250



- Question No. 66

Students appeared in shift I & VI together of the examination are how much more or less than students appeared in shift III & V together of the examination?

Options :

1. 330
2. 360
3. 310
4. 370
5. None of these

Answer : 330

- Question No. 67

Length of rectangle is 125% of its breadth and area of rectangle is 1280 cm^2 . If width of rectangle is half of the side of a square, then find perimeter of square.

Options :

1. 256 cm
2. 236 cm

- 3. 248 cm
- 4. 272 cm
- 5. None of these

Answer : 256 cm

• Question No. 68

The average weight of a class of 45 girls is 53 kg. It was later found that weight of two girls was read as 49 kg and 57 kg instead of 45 kg and 52 kg. Find the actual average weight of the class.

Options :

- 1. 51.20 kg
- 2. 52.80 kg
- 3. 54.60 kg
- 4. 53.40 kg
- 5. None of these

Answer : 52.80 kg

• Question No. 69

There are 75% boys out of total students (boys + girls) in a school and 39% of the total students of the school went on a picnic. If 32% of the total boys went on a picnic, then find what percent of total girls went on a picnic?

Options :

- 1. 20%
- 2. 80%
- 3. 40%
- 4. 60%
- 5. None of these

Answer : 60%

• Question No. 70

Number of passed students in an exam in section A & B are 240 & 210 respectively. If in section A 40% of the total students got failed and in section B 30% of the total students got failed, then find difference between total number of students in section A & B.

Options :

1. 60
2. 120
3. 100
4. 110
5. None of these

Answer : 100

Direction:

In the given questions, two equations (I) & (II) are given. You have to solve both the equations and mark the answer accordingly.

- (1) x
- (2) $x > y$
- (3) $x ? y$
- (4) $x ? y$
- (5) $x = y$ or no relation.

• Question No. 71

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

II. $8y^2 - 15y + 7 = 0$

Options :

1. 1
2. 2
3. 3

4. 4

5. 5

Answer : 1

Direction:

In the given questions, two equations (I) & (II) are given. You have to solve both the equations and mark the answer accordingly.

(1) x

(2) $x > y$

(3) $x ? y$

(4) $x ? y$

(5) $x = y$ or no relation.

• Question No. 72

I. $x^2 - 11x + 30 = 0$

II. $y^2 + 12y + 36 = 0$

Options :

1. 1

2. 2

3. 3

4. 4

5. 5

Answer : 2

Direction:

In the given questions, two equations (I) & (II) are given. You have to solve both the equations and mark the answer accordingly.

(1) x

(2) $x > y$

(3) $x ? y$

(4) $x ? y$

(5) $x = y$ or no relation.

- Question No. 73

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

II. $y^2 + 7y + 10 = 0$

Options :

1. 1

2. 2

3. 3

4. 4

5. 5

Answer : 3

Direction:

In the given questions, two equations (I) & (II) are given. You have to solve both the equations and mark the answer accordingly.

(1) x

(2) $x > y$

(3) $x ? y$

(4) $x ? y$

(5) $x = y$ or no relation.

- Question No. 74

I. $x^2 - 20x + 91 = 0$

II. $y^2 + 16y + 63 = 0$

Options :

1. 1

2. 2

3. 3

4. 4

5. 5

Answer : 2

Direction:

In the given questions, two equations (I) & (II) are given. You have to solve both the equations and mark the answer accordingly.

- (1) x
- (2) $x > y$
- (3) $x ? y$
- (4) $x ? y$
- (5) $x = y$ or no relation.

- Question No. 75

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

II. $y^2 + 5y + 6 = 0$

Options :

1. 1

2. 2

3. 3

4. 4

5. 5

Answer : 5

Direction:

In the following questions, calculate quantity I and quantity II, compare them and answer according to the following options.

- (1) If Quantity I > Quantity II
- (2) If Quantity I
- (3) If Quantity I ? Quantity II
- (4) If Quantity I ? Quantity II
- (5) If Quantity I = Quantity II or no relation can be established

- Question No. 76

Quantity I: Profit earned on selling an article at Rs. 450 at 20% profit

Quantity II: Cost price of the article which is sold at Rs.84 on 20% profit

Options :

1. 1
2. 2
3. 3
4. 4
5. 5

Answer : 1

Direction:

In the following questions, calculate quantity I and quantity II, compare them and answer according to the following options.

- (1) If Quantity I > Quantity II
- (2) If Quantity I
- (3) If Quantity I ? Quantity II
- (4) If Quantity I ? Quantity II
- (5) If Quantity I = Quantity II or no relation can be established

- Question No. 77

In a village there are 60% males and rest are females. 30% of total male are illiterate and 25% of total female are illiterate. Number of illiterate males is 1152.

Quantity I: Literate females in the village.

Quantity II: 1940

Options :

1. 1
2. 2

3. 3

4. 4

5. 5

Answer : 2

Direction:

In the following questions, calculate quantity I and quantity II, compare them and answer according to the following options.

(1) If Quantity I > Quantity II

(2) If Quantity I

(3) If Quantity I ? Quantity II

(4) If Quantity I ? Quantity II

(5) If Quantity I = Quantity II or no relation can be established

• Question No. 78

A man invested Rs. P at 12% p.a. on simple interest for two years.

Quantity I: If at the end of second year he gets Rs.1200 as interest, then find Rs.P.

Quantity II: Rs.6000

Options :

1. 1

2. 2

3. 3

4. 4

5. 5

Answer : 2

Direction:

In the following questions, calculate quantity I and quantity II, compare them and answer according to the following options.

(1) If Quantity I > Quantity II

(2) If Quantity I

- (3) If Quantity I ? Quantity II
- (4) If Quantity I ? Quantity II
- (5) If Quantity I = Quantity II or no relation can be established

- Question No. 79

Ploughing cost of a rectangular field is Rs.288 at the rate of Rs.3 per square meter. Length of the field is 4 meters more than the width of field.

Quantity I: Length of rectangular field.

Quantity II: 12 meters.

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4
- 5. 5

Answer : 5

Direction:

In the following questions, calculate quantity I and quantity II, compare them and answer according to the following options.

- (1) If Quantity I > Quantity II
- (2) If Quantity I
- (3) If Quantity I ? Quantity II
- (4) If Quantity I ? Quantity II
- (5) If Quantity I = Quantity II or no relation can be established

- Question No. 80

Quantity I: Sum of present ages of Shivam and Prashant is 32 years and Shivam is 8 years older than Prashant. Find present age of Prashant.

Quantity II: 15 years.

Options :

1. 1

2. 2

3. 3

4. 4

5. 5

Answer : 2

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