Q. No. : 1

Question : Six cities A through F are located at the six corners of a regular hexagon and each of the cities is connected to all other cities. In how many different ways can a person reach from B to D without touching any city twice.

A : 36

B : 40

C : 60

D : 65

Answer:
D

In each questions below are given two statements followed by two conclusions numbered I and II. You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. read the conclusion and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts.
Give answer (A) if only conclusion I follows; (B) if only conclusion II follows; (C) if either I or II follows;
(D) if neither I nor II follows

Q. No. : 2

Question : Statements : All students in my class are intelligent   Rohit is not intelligent Conclusions : I. Rohit is not a student of my class
II. Rohit must work hard.

A : A

B : B

C : C

D : D

Answer:
A

Q. No. : 3

Question : Statements : Some men are educated   Educated persons prefer small families Conclusions : I. All small families are educated
II. Some men prefer small families

A : A

B : B

C : C

D : D

Answer:
B

Q. No. : 4

Question Statements :   **All lamps are hooks**   **No hook is coloured**
:   **Conclusions :**   **I. Some lamps are coloured**   **II. No lamp is coloured**

A :   A

B :   B

C :   C

D :   D

Answer:
B

Q. No. : 5

Question Statements :   **All plants are trees**   **No tree is green**
:   **Conclusions :**   **I. Some plants green**   **II. Those plants which are not trees are green**

A :   A

B :   B

C :   C

D :   D

Answer:
D

Q. No. : 6

Question **Three cities P,Q and Rare connected to each other by two-way routes. Any two**
:   **cities are directly connected by at least one two way route. A person starting**
      from one city can reach any other city directly or by passing through the third
      city. There are 14 distinct routes from P to Q, 11 from Q to R and 10 from P to
      R. What is the total number of direct routes from Q to R?

A :   5

B :   4

C :   3

D :   2

Answer:
C

Q. No. : 7

Question **P,Q,R,S,T and U are six runners. P is faster than U and U is not the slowest of**
:   **all. Q is faster than S and Q is not the fastest of all. S is the fourth fastest. If T is**
      the fifth fastest, then who is the slowest of all?

A :   Q

B :   R

C :   P

D :   S

Answer:
B

Q. No. : 8

Question : There are two managers- A and B in a company. They gave the following instructions to their accountant.
A :- Do not decrease the salary and do not decrease the working hours.
B :- Increase the salary or increase the working hours.
Which of the following actions of the accountant will go against both the instruction.

A :   Increasing the salary and decreasing the working hours.

B :   Not changing the salary and decreasing the working hours.

C :   Not changing the working hours and not changing the salary.

D :   Increasing the salary and increasing the working hours.

Answer:
B

Q. No. : 9

Question : Shyam went to attend the marriage of Ram's son. Ram is the brother of Shyam's daughter's paternal grandmother's daughter-in-law's husband. How is the bridegroom related to Shyam?

A :   Uncle

B :   Cousin

C :   Brother

D :   Nephew

Answer:
D

Q. No. : 10

Question : If country X participates in a particular event, then country Y does not participate in that event. If country X participates in all the events, then country Y does not participate in any event. If it is known that country Y participated in 50% of the events, which of the following can be concluded?

A :   Country X participated in at least 50% of the events.

B :   Country X did not participate in any event.

C :   Country X participated in at most 50% of the events.

D :   Country X participated in all the events.

Answer:
C

Q. No. : 11

Question : If watch is gaining time uniformly when compared to a normal clock. The watch is not correct at 6:00a.m and the two hand of the watch are together after 30 minutes of the normal clock. What is the time shown by the watch, when the

normal clock shows 5:00p.m on the same day?

A : 6:00 pm

B : 6:30 pm

C : 7:00 pm

D : 7:30 pm

Answer:

A

In each questions below are given two statements followed by two conclusions numbered I and II. You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. read the conclusion and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts.
Give answer (A) if only conclusion I follows; (B) if only conclusion II follows; (C) if either I or II follows;
(D) if neither I nor II follows

Q. No. : 12

Question Statements:- Some shirts are biscuits
: No biscuit is book
Conclusions:- I Some shirts are books
II. Some books are biscuits

A : A

B : B

C : C

D : D

Answer:

D

Q. No. : 13

Question Statements:- No women can vote
: Some women are politicians
Conclusions:- I. Male politicians can vote
II.Some politicians can vote

A : A

B : B

C : C

D : D

Answer:

D

Q. No. : 14

Question Statements:- No man is a donkey
: Rahul is a man
Conclusions:-I. Rahul is not a donkey.

II.All men are not Rahul

A :   A

B :   B

C :   C

D :   D

Answer:
A

Q. No. :   15

Question : Statements:- All poles are guns Some boats are not ploes Conclusions:- I. All guns are boats II.Some boats are not guns

A :   A

B :   B

C :   C

D :   D

Answer:
D

Q. No. :   16

Question : A,B,C,D and Eare five persons, who are sitting in a row. E sits within places to the right of B who does not sit at any of the extreme ends or at the middle of the row. A is to immediate left of D. If only one person out of C and D sits at one of the extreme ends, then who sits at the centre?

A :   A

B :   B

C :   C

D :   D

Answer:
D

Q. No. :   17

Question : A teacher distributes some five-rupee notes, some ten rupee notes and four twenty rupee notes to three of her students. The total amount that each boy receives is the same. How many minimum number of notes were distributed by the teacher in all?

A :   6

B :   7

C :   9

D :   8

Answer:
C

Q. No. :   18

Question A is C's son. F is spouse of E. C is brother-in-law of E. D is B's parent. B is A's
:   sister. These six person are related to each other as described above and there is
           nobody other than A,B,C,D.E and F in this family. How is B related to F?

A :   Niece

B :   Aunt

C :   Mother

D :   Nephew

Answer:
A

In each of the following questions one word is different from the rest. Find out the word which
does not belong to the group and mark it as your answer.

Q. No. :   19

Question
:

A :   CE

B :   HK

C :   SQ

D :   MN

Answer:
C

Q. No. :   20

Question
:

A :   Jupiter

B :   Sky

C :   Star

D :   Moon

Answer:
B

Q. No. :   21

Question
:

A :   Foot

B :   Shoulder

C :   Elbow

D :   Arm

Answer:
A

Q. No. : 22

Question

:

A :   Kiwi

B :   Eagle

C :   Emu

D :   Ostrich

Answer:

B

Q. No. : 23

Question

:

A :   Pineapple

B :   Orange

C :   Malta

D :   Banana

Answer:

C

Q. No. : 24

Question

:

A :   Kwashioro

B :   Cretinism

C :   Marasmus

D :   Gcitre

Answer:

D

Q. No. : 25

Question

:

A :   Hireling

B :   Cub

C :   Duckling

D :   Calf

Answer:

A

Q. No. : 26

Question

:

A : KMNO

B : ABDE

C : PRST

D : UWXY

Answer:
B

Q. No. : **27**

Question
:

A : 9

B : 25

C : 125

D : 196

Answer:
C

In each of the following questions one word is different from the rest. Find out the word which does not belong to the group

Q. No. : **28**

Question A) Obtuse B) Acute C) Reflex D) Convex
:

A : A

B : B

C : C

D : D

Answer:
D

Q. No. : **29**

Question A) Nylon B) Rayon   C) Linen D) Viscose
:

A : A

B : B

C : C

D : D

Answer:
C

Q. No. : **30**

Question A) 16 B) 64   C) 27   D) 32

:

A : A

B : B

C : C

D : D

Answer:
C

[Solution](#)

Q. No. : 31

**Question
:** A) CEI B) QSX   C) JLP D) QSW

A : A

B : B

C : C

D : D

Answer:
B

Q. No. : 32

**Question
:** A) ZXVT B) SQOM   C) ECBA   D) LJHF

A : A

B : B

C : C

D : D

Answer:
C

Q. No. : 33

**Question
:** A) Epicentre B) Seismology C) Focus D) Crater

A : A

B : B

C : C

D : D

Answer:
D

[Solution](#)

Q. No. : 34

Question A)Cupboard B)Chair C) Rug D) Bed

:

A :   A

B :   B

C :   C

D :   D

Answer:
C

Q. No. : 35

**Question
:** A) Arc B) Diagonal C) Tangent D) Radius

A :   A

B :   B

C :   C

D :   D

Answer:
B

Q. No. : 36

**Question
:** A) Dynamics B) Mechnics C) Electronics D) optics

A :   A

B :   B

C :   C

D :   D

Answer:
B

In each of the following questions one word is different from the rest. Find out the word which does not belong to the group and mark it as your answer.

Q. No. : 37

**Question
:**

A :   Yokel

B :   Upshot

C :   Lout

D :   Bumpkin

Answer:
B

Q. No. : 38

Question

:

A : Sofa

B : Table

C : Chair

D : Bed

Answer:
D

Q. No. : 39

Question

:

A : Author

B : Publisher

C : Correspondent

D : Reader

Answer:
D

Q. No. : 40

Question

:

A : SXD

B : EQL

C : BHF

D : KTI

Answer:
A

Solution

Q. No. : 41

Question

:

A : Curd

B : Butter

C : Oil

D : Cream

Answer:
C

Q. No. : 42

Question

:

A :   Poland
B :   Greece
C :   Spain
D :   Korea

Answer:
D

Q. No. : 43

Question
:

A :   Copper
B :   Brass
C :   Tin
D :   Zinc

Answer:
B

In each of the following questions one word is different from the rest. Find out the word which does not belong to the group

Q. No. : 44

Question
: **A) CE B) HK C) SQ D) MN**

A :   A
B :   B
C :   C
D :   D

Answer:
C

[Solution](#)

Q. No. : 45

Question
: **A) Jupiter B) Sky C) Star D) Moon**

A :   A
B :   B
C :   C
D :   D

Answer:
B

Q. No. : 46

Question A) Shoulder B) Foot C) Elbow D) Arm

:

A : A

B : B

C : C

D : D

Answer:
B

Q. No. : 47

**Question
:** A) Nephrology B) Entomology C) Astrology D) Pathology

A : A

B : B

C : C

D : D

Answer:
C

Q. No. : 48

**Question
:** A) Kiwi B) Eagle C) Emu D) Ostrich

A : A

B : B

C : C

D : D

Answer:
B

Q. No. : 49

**Question
:** A) Pineapple B) Orange C) Malta D) Banana

A : A

B : B

C : C

D : D

Answer:
C

Q. No. : 50

**Question
:** A) Kwashioror B) Cretinism C) Marasmus D) Gcitre

A : A

B :   B

C :   C

D :   D

Answer:
D

Q. No. : 51

Question A) hireling B) Cub C) Duckling D) Calf
:

A :   A

B :   B

C :   C

D :   D

Answer:
A

Q. No. : 52

Question A) KMNO B) ABDE C) PRST D) UWXY
:

A :   A

B :   B

C :   C

D :   D

Answer:
B

Q. No. : 53

Question **You are given eight jelly doughnuts. The doughnuts all weigh the same amount**
:   **except for one which is heavier.   You have a balancing scale at your disposal.**
        What's the minimum number of weighing required for you to pick out the heavy
        doughnut every time?

A :   1

B :   2

C :   3

D :   4

Answer:
B

Q. No. : 54

Question **One boy can eat 100 chocolates in half a minute, and another can eat half as**
:   **many in twice the length of time. How many chocolates can both boys eat in 15**
        seconds?

A :   61

B : 61.5

C : 62

D : 62.5

Answer:

D

Solution

Q. No. : 55

Question : A,B,C,D and E are five apartments on a floor. Each pair of apartments have a path connecting them. How many paths are there in all?

A : 12

B : 10

C : 5

D : 2

Answer:

B

Q. No. : 56

Question : Five girls are sitting in a row. Rashi is not adjacent to Sulekha or Abha. Anuradha is not adjacent to Sulekha. Rashi is adjacent to Monika. Monika is at the middle in the row. Then, Anuradha is adjacent to whom out of following?

A : Rashi

B : Sulekha

C : Abha

D : Monika

Answer:

A

Q. No. : 57

Question : Potatoes are made up of 99% water and 1% "potato matter." Jack bought 100 pounds of potatoes and left them outside in the sun for a while. When he returned, he discovered that the potatoes had dehydrated and were now only made up of 98% water. How much did the potatoes now weigh?

A : 30 pounds

B : 40 pounds

C : 50 pounds

D : 60 pounds

Answer:

C

Solution

Q. No. : 58

Question Mr. A, Miss B, Mr. C and Miss D are sitting around a table and discussing their

:	trades.1. Mr. A sits opposite to cook 2. Miss b sits right to the barber.3. The washer man is on the left of the tailor 4. Miss D sits opposite Mr. CWhat are the trades of A and B?
A :	Tailor and Barber
B :	Tailor and cook
C :	Barber and cook
D :	washer man and cook

Answer:
B

Q. No. : 59

Question : In the Olympic Games, the flags of six nations were flown on the masts in the following way. The flag of America was to the left of Indian tricolour and to the right of the flag of France. The flag of Australia was on the right of the Indian flag but was to the left of the flag of Japan, which was to the left of the flag of China. Find the two flags which are in the centre.

A : India and Australia

B : America and India

C : Japan and Australia

D : America and Australia

Answer:
A

Q. No. : 60

Question : At a family reunion were the following people: one grandfather, one grandmother, two fathers, two mothers,four children, three grandchildren, one brother, two sisters, two sons, two daughters, one father-in-law, one mother-in-law, and one daughter-in-law. But not as many people attended as it sounds. How many were there ?

A : 5

B : 6

C : 7

D : 8

Answer:
C

Q. No. : 61

Question : Six cities A through F are located at the six corners of a regular hexagon and each of the cities is connected to all other cities. In how many different ways can a person reach from B to D without touching any city twice?

A : 50

B : 55

C : 60

D :   65

Answer:

D

Solution

Q. No. : 62

Question On a man's tombstone, it is said that one sixth of his life was spent in childhood
: and one twelfth as a teenager.One seventh of his life passed between the time he
became an adult and the time he married; five years later, his son was born.
Alas, the son died four years before he did. He lived to be twice as old as his son
did. How old did the man live to be?

A :   84 years

B :   90 years

C :   78 years

D :   96 years

Answer:

A

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

Q. No. : 63

Question Statements   : All rats are cows   No cow is white.   Conclusions
:   : I   No white is rat.   II. No rat is white
III. Some whites are rats   IV All cows are rats

A :   Only I and IV follow.

B :   Only II and IV follow.

C :   Only IV follow

D :   None of these

Answer:

D

Q. No. : 64

Question StatementsAll apples are brinjalsAll brinjals are ladyfinguresAll ladyfingures
: are orangesConclusions:I. Some oranges are brinjalsII.All brinjals are applesIII.
some apples are orangesIV All ladyfingures are apples

A :   None follows

B :   All follow

C :   Only I and III follow

D :   Either I or III follows

Answer:

C

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

Q. No. : 65

Question Statements:- All chairs laugh; Some birds laugh

: Conclusions:- I. All chairs are birds
II. Some birds are chairs
III. Those who do not laugh are not chairs
IV. Some birds do not laugh

A : Only II follows

B : Only II and IV follow

C : Only IV follows

D : None follows

Answer:
D

Q. No. : 66

Question Statements:-Some coolers are watches; No watch is bed.

: Conclusions:- I. No watch is cooler
II. No cooler is watch
III. Some watches are beds
IV Some coolers are beds

A : None follows

B : Only I and IV follow

C : Only either II or III follows

D : Only either III or IV follows

Answer:
A

1.
2. Each question given has a problem and two statements numbered I and II giving some information. You have to decide whether the given information is sufficient to nswer the problem.

Mark your answer as

(a) If the data given in statement I alone is sufficient to answer the question

(b) If the data given in statement II alone is sufficient to answer the problem

(c) If both statements are required to answer the problem

(d) If the data in both statements Are not sufficient to answer the problem

Area of the rectangle PQRS?

(I)   PQ = RS = 10

(II)   PR = RS = 10.5

From Statement (I) we get the length of the rectangle.

From Statement (II) we get the length of the diagonal. Using both the statements we can find the length of the breadth and thus the area. Hence,

Ans: c

1. **2.**   A teacher has 120 chocolates with him and distributes the same among the students. If there were four students less, then each of the other students would have got one chocolate more. How many students were there?

Let the number of students be x. The we have an equation   120 / x-4 minus 120 / x = 1

Solving, we will get $x^2 - 4x - 480 = 0$. Thus we get $(x - 24) (x + 20) = 0$

This will give you value for x as 24 and (-) 20. The answer cannot be (-) and hence the number of students is 24.

Ans: 24

1. In a certain code, the symbol for 0 (zero) is * and symbol for 1 is $. Numbers greater than 1 are to be written using only these two symbols (Binary). The value of the symbol 1 doubles every time it shifts one place to the left.

How to represent 361/19?

361/19 = 19. 19 when written in Binary will give a value 10011. Using the code we have the answer as $**$$

Ans: $**$$

1. In a certain code, the symbol for 0 (zero) is * and symbol for 1 is $. Numbers greater than 1 are to be written using only these two symbols (Binary). The value of the symbol 1 doubles every time it shifts one place to the left.

How to represent 2 + 9 / 11 * 2 ?

2 + 9 / 11 * 2 = 40 / 11   40 in Binary is 10100 using the code $*$**

11 in Binary is 1011 using the code $*$$

Ans: $*$ / $*$$**

1. In a certain code, the symbol for 0 (zero) is * and symbol for 1 is $. Numbers greater than 1 are to be written using only these two symbols (Binary). The value of the symbol 1 doubles every time it shifts one place to the left.

How to represent L.C.M. of (3, 5, 11) + 13 ?

LCM of 3, 5, 11 is 165. 165 + 13 = 178.

178 in Binary is 10110010 using the code

Ans: $*$$$**$*

1. Two premises are given hereunder and four choice conclusions are provided. Identify the right conclusion.

(I)   All students are not intelligent.

(II)   Only intelligent pass the examination.

Conclusion:

(a) Some students are intelligent

(b) Some students who pass the examination are intelligent

(c) Some students pass the examination

(d) None of the above

Ans: (b)

1. Two premises are given hereunder and four choice conclusions are provided. Identify the right conclusion.

(I)   All boys are handsome

(II)   Some handsome are cheaters

Conclusion:

(a) All handsome are boys

(b) Some boys who are handsome are cheaters

(c) Some cheaters who are handsome are boys

(d) None of the above   **Ans: (d)**

1. Two premises are given hereunder and four choice conclusions are provided. Identify the right conclusion.

(I)   Some teachers are adults

(II)   Some adults are poets

Conclusion:

(a) Some teachers are poets

(b) Some teachers who are adults are poets

(c) Some adults who are not teachers are poets

(d) None of the above

Ans: (d)

1. Two premises are given hereunder and four choice conclusions are provided. Identify the right conclusion.

(I)   All P's are a's

(II)   All a's are R's

(III)   All R's are S's

(IV)   Some a's are T's

Conclusion:

(a) Some P's are T's

(b) Some P's which are a's and S's are T's

(c)   No P's which are a's are T's

(d)   None of the above.

Ans: (d)

1.   Given here is a statement. Which of the conclusions that logically follow the statement.

I will do my home-work if I have time.

Conclusions:

(a)   I have time

(b)   I will do my home-work

(c)   I will not do my home-work

(d)   I don't have time

(i)   (a) and (b)   (ii)   (c) and (d)   (iii)   (d) and (c)

(iv)   None of the above

Ans: (iii)