

Introducing a boy, a Katrina said, "He is the son of the daughter of the father of my uncle." How is the boy related to the Katrina?

- Brother
- Cousin
- Son
- Nephew

Question 2

1 Point

**Fill the blanks with the correct option:**

I _____ reading for two hours before going to school tomorrow

- am
- will have been
- will be
- had been

Question 3

1 Point



Out of all the 2-digit integers between 1 and 26, a 2-digit number has to be selected at random. What is the probability that the selected number is multiple of 5?

- 1/4
- 1/6
- 1/3
- None

Question 4

1 Point



What will come in place of question marks in the given series?

KLN: PQS :: UVX : ?

- TUW
- TUV
- ABD
- None

Question 5

1 Point



Memories which can be read and cannot be changed?

- DRAM
- Virtual memory
- ROM
- RAM

Question 6

1 Point



What is smallest unit of the information?

- A block
- A byte
- A nibble
- A bit

Question 7

1 Point



1. Statements: All the bananas are apples. All the apples are fruits.

Conclusions:

All the fruits are apples.

All the bananas are fruits.

- Only II follows
- Neither I nor II follows
- Only I follows
- Either I or II follows
- Both I and II follows

Question 8

1 Point



Machine Language is written in binary codes only.

- False
- True

Question 9

1 Point



If LAPTOP is coded as PPATLO, how is LENOVO coded?

- NOOELV
- ONEELV
- NOEOLV
- OONELV

Question 10

1 Point



In the questions below the sentences have been given in Direct/Indirect speech. From the given alternatives, choose the one which best expresses the given sentence in Indirect/Direct speech.

She asked Nikhil, “Which is your favorite cricket team?”

- She asked Nikhil which was his favorite cricket team.

- She asked Nikhil which cricket team he likes.
- She asked Nikhil about his favorite cricket team.
- She asked Nikhil which are his favorite cricket team.

Question 11

1 Point



A scored 58 runs that included 3 fours and 4 sixes. What percent of total runs he scored through running in the middle of the wickets.

- 29.76%
- 41.34%
- 37.93%
- 65.21%

Question 12

1 Point



Bharat was comparing his age with his two other friends. He said I am two years younger than Ashima and thrice as old as Chandan. If the total ages of Ashima, Bharat, and Chandan are 51, then how old is Bharat?

- 17
- 21
- 31
- 28

Question 13

1 Point



In a car showroom, one car is seventh from either end of the row. How many total cars are there in the row?

- 8
- 13
- 10

9

Question 14

1 Point



Find out the address of element A[1][8] in a 2D array A[8][9] whose base address is 100 and elements are arranged in Row major order. **Assume 2 words per memory cell.

- 156
- 178
- None
- 134

Question 15

1 Point



In a line, Rekha is 10th from the front while Mahi is 25th from behind and Namrata is just in the middle of the two. If there are 50 persons in the line, what position does Namrata occupy from the front ?

- 20
- 17
- 19
- 18

Question 16

1 Point



1. Statement: Increasing population of India primarily depends upon education.

Conclusions:

Family planning lessons should be given to control increasing population of India.

Only India needs to focus on family planning lessons.

- Only I conclusion is valid
- Neither I nor II is valid

- Both I and II conclusion are valid
- Only II conclusion is valid

Question 17

1 Point



Find out the array representation of the given max heap, if the value 19 is deleted from it.

46,45,41,31,23,19,18,17

- 46,45,31,23,41,17,18
- 46,45,41,31,23,17,18
- 46,31,41,45,23,17,18
- 46,31,23,45,41,17,18

Question 18

1 Point



Identify the correct part of the sentence from the given option:

Sincere workers do not rest till **they have reached** perfection in their work.

- they had achieved
- no improvement
- they have achieved
- they having reaching

Question 19

1 Point



What will be the output following pseudo code?

```
Integer p,q,r  
Set p=1, q=2, r=10  
p=(4&2)&p  
for(each r from 2 to 3)  
p=(q*r)&q  
End for
```

```
p=(p+4)+r  
for(each r from 3 to 5)  
p=6+p  
p=q+r  
End for  
r=3&p  
Print p+q
```

9

12

11

10

Question 20

1 Point



The HCF and LCM of three specific numbers are 6, 12, 18. If one number is 24, find the next number?

48

36

40

54

Question 21

1 Point



Read the following passage and answer the questions that follow:-

The first truck to arrive is no. 4272, a seventy-three-foot-long tractor-trailer, driven by Herman Snook, 67 years old, wiry, chewing a toothpick. He is quick to point out that he, too, thinks the landfill looks nothing like a landfill, and he believes it doesn't smell like one, either. He allows that he may have just gotten used to the odor. (He has.) When fellow truckers arrive, pulling up next to Herman, the ground—so deep with trash—is so soft it bounces.

At six o'clock, the truckers are allowed to start dumping, and so Herman pushes a red button inside a panel on his cab. The back end of the trailer rises obediently and 79,650 pounds of debris comes thundering out, most of it wood and plaster and nails and shreds of

wallpaper. Beside him, a truck is dumping decidedly more organic garbage, pungent indeed, and way down the row, off to the side, a guy is pouring a truckful of sludge, sterilized human waste, black as ink.

The Puente Hills Landfill, about sixteen miles east of downtown Los Angeles, serves 5 million people in seventy-eight California cities, one of six landfills operated by the Sanitation Districts of L.A. County. Every day 13,200 new tons of trash are dumped here. That's enough to fill a one-acre hole twenty feet deep.

In five years, on November 1, 2013, the landfill will be out of room, and all that trash will have to go somewhere else.

What do you mean by “organic garbage”?

- waste that is dissolved by chemicals
- waste coming from chemical labs
- waste from farm
- waste that is dissolved by itself

Question 22*



EMAIL ID

Answer

Question 23

1 Point



Of the following numbers, which can be a part of the given set?

Set: (3, 11, 13, 19, 23, 29)

- 27
- 17
- 57
- 93

Question 24

1 Point



What will be the output of the following pseudocode for a=3, b=5, c=8?

```
Integer funn(Integer a, Integer b, Integer c)
for(each c from 3 to 4)
    b=2&c
    if((b+a)<(a-b))
        a=c+a
    End if
End for
Return a+b
```

- 3
- 1
- 18
- 0

Question 25

1 Point



What should come in the place of question mark (?) in the alpha numeric series?

A3B, E9E, I27H, O81K, ?

- Y530U
- U729M
- W569B
- U729N

Question 26

1 Point



Fill the blanks with the correct option:

The beaver, _____ is a hard-working animal, is a native of Canada

- that
- Who

- Which
- Whom

Question 27

1 Point

**Choose the correct meaning of the given Idioms or phrases:****Under the Thumb**

- Under construction
- Under control
- Very weak
- Less powerful

Question 28

1 Point

**In the questions below the sentences have been given in Direct/Indirect speech. From the given alternatives, choose the one which best expresses the given sentence in Indirect/Direct speech.**

Sushmita asked me, “When was the last time you watched a movie?”

- Sushmita asked me when was the last time did I watch a movie.
- Sushmita asked me when was the last time I had watched a movie.
- Sushmita asked me when did I watch a movie recently?
- None of the above.

Question 29

1 Point



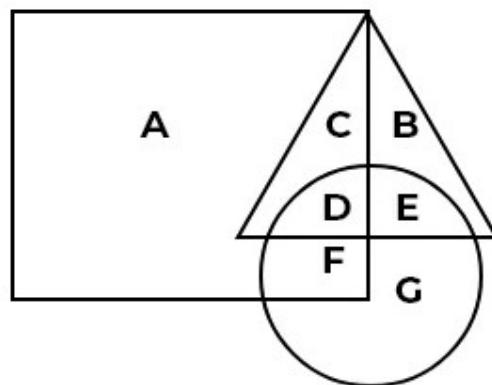
The word processing feature that catches most random typographical errors and misspellings is known as _____.

- spell checker
- word checker

- Grammar checker
- None of these

Question 30

1 Point



In the following figure, the circle represents bedsheets, the triangle represents pillow and square represents blanket. Which set of letters represents all the three elements

- B
- E
- D
- F

Question 31*



Question 32

1 Point



Which of the following natural element is the primary element in computer chips?

- Iron

- carbon
- None
- silicon

Question 33

1 Point



What will be the output of the code?

```
#include<iostream>
```

```
using namespace std;
```

```
int main() {
```

```
    string str = "*";
```

```
    string s;
```

```
    for(int i=0;i<10; i+=3){
```

```
        s += str[0];
```

```
        if(i%2!=0) s += "#";
```

```
}
```

```
cout<<s;
```

```
return 0;
```

```
}
```

- **#**#

- ***#***#

- #**#**

- #***#*

Question 34

1 Point

**Choose the correct option:**

Scrutinize: Inspect : Baffle:?

- Repel
- Conquer
- Elude
- None

Question 35

1 Point



Find the output of the following code?

```
#include<iostream>
```

```
using namespace std;
```

```
int main(){
```

```
    int arr[6]= {2,4,6,8,10,12};
```

```
    for(int i=0;i<6;i+=3){
```

```
cout<<arr[i]<<" ";
```

```
}
```

```
return 0;
```

```
}
```

- 2 8
- 4 8 12
- 2 10
- 2 6 10

Question 36

1 Point



Flow chart is a structured programming technique that graphically represents the detailed steps required to solve a program?

True False

Question 37

1 Point



Find the Synonyms of the word **dexterous**?

 Unskilled Awkward Clever Clumsy

Question 38

1 Point



1. Statements: Some sheets are papers. All the A4s are papers.

Conclusions:

Some papers are A4s.

Some papers are sheets.

 Both I and II follows Only I follows Neither I nor II follows Either I or II follows Only II follows

Question 39

1 Point



Out of the four alternatives, choose the one which can be substituted for the given words/sentence.

Represent something as being less important than it really is

- stride
- underplay
- discriminant
- imperious

Question 40

1 Point



Aman, Bhavesh, Chimpa, Dimple, Ellen and Farukh are sitting in a row. Ellen and Farukh are in the centre. Aman and Bhavesh are at the ends. Chimpa is sitting to the left of Aman. Who is to the right of Bhavesh ?

- Aman
- Farukh
- Ellen
- Dimple

Question 41

1 Point



We are pleased — your visit.

- at
- by
- on
- with

Question 42

1 Point



What will be the output of the following code for a=8, b=2?

Integerfunn(Integer a, Integer b)

if(b-3)<(a&3) && (7-a)<(a-b)

a=3+1+a

b=a+2

Return 2-funn(a,b)-a

End if

return a+b

- 38
- 35
- 36
- 27

Question 43

1 Point



A process is a _____.

- program in the memory
- 1. single thread of execution
- task
- 1. program in the execution

Question 44

1 Point



In a necklace flower to beads ratio is 5:6 respectively, when 2 flowers were removed from the necklace and 8 beads were added to the necklace, ratio becomes 7:11, the number of beads in the necklace after new addition are?

- 28
- 44
- 32
- 54

Question 45

1 Point



What will be the output of the following pseudo code?

String str1,str2

```
Set str1 = "."
Set str2 = ","
If "gu" not in str1
Str2 = str2 + "," + str1
End if
Str2 = str2 + "jostr1" + str1
print(str2)
```

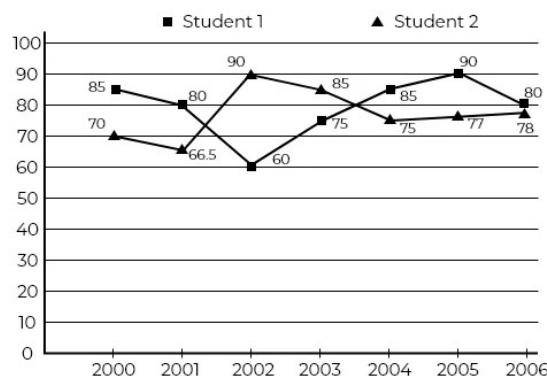
- jostr1...
- ..,jostr1
- jostr1
- ..,jostr1.

Question 46

1 Point



Average marks of two students over the years



In which of the following years is the total marks maximum?

- 2006
- 2000
- 2003
- 2001

Question 47

1 Point



The _____ holds the central processing unit.

- System unit
- Hard Disk
- Monitor
- Memory Unit

Question 48

1 Point



Choose the correct Preposition here:

Since he met his new girlfriend, Juan never seems to be _____ home

- in
- None
- on
- at

Question 49

1 Point



The incomes of two girls Arushi and Bhavana are in the ratio 3 : 4. If both of them save Rs.100 per month, the ratio of their expenditures is 1 : 2. Find their incomes.

- Rs.400 & Rs.450
- Rs.150& Rs.200
- Rs.300 & Rs.400
- Rs.350 & Rs.450

Question 50

1 Point



How many bytes is identical to 4 kilobytes ?

- 4096
- 8192
- 3072

1024

Question 51*



Question 52*



Question 53

1 Point



Which of the following is a type of technique in which dumb terminals are connected to a central computer system?

- Batch Environment
- message passing
- Time sharing
- User environment

Question 54

1 Point



Find out the wrong number in the given sequence of numbers.

582, 605, 588, 611, 634, 617, 600

- 600
- 634
- 605
- 611

Question 55

1 Point



Find the Synonyms of the word **Sumptuous**?

- Consideration
- Fortify
- Magnificent
- Kind

Question 56

1 Point



Identify the word with correct spelling:

- Veterinary
- Veterinary
- Vetinary
- Veteninary

Question 57

1 Point



If we draw a binary search tree by inserting the given numbers from left to right, then what would be the height of the list?

28,33,38,31,43,58,48

- 7
- 5
- 6
- 8

Question 58

1 Point



Ashita has to obtain 40% to pass the examination. She got 85 marks and failed by 15 marks. Calculate the maximum marks of the examination.

- 260
- 250
- 320
- 270

Question 59

1 Point



What is the decimal equivalent of the binary number 10111?

- 21
- 39
- 42
- 23

Question 60

1 Point



In a certain code language MAGNIFICENT is written as TNECIFINGAM. How will VERSATILE be written in that code language?

- ELITASREV
- EITLASREV
- ELITARSEV

ELITASERV

Question 61

1 Point



Which of the following programs enables you to calculate numbers related to rows and columns?

- Spreadsheet program
- Window program
- Word program
- Graphics program

Question 62

1 Point



When a coin is throw probability of getting tail is

- 1/4
- None
- 1/2
- 1/3

Question 63

1 Point



The ratio of Farhan's age to Sonia's age is 10 : 5. The product of their age is 2850. The ratio of their ages after 6 years will be

- 54 : 17
- 17 : 19
- 54 : 29
- 19 : 11

Question 64

1 Point



From the following options, select the word that has the same relation as the word pair below.

Food: Cook::?

- Furniture : wood
- Jewellery : Goldsmith
- Tailor : clothing
- Farmer : Crop

Question 65

1 Point



DNS stands

- Distributed Name System
- Domain name system
- None
- Data Name System

Question 66

1 Point



What will be the output of the following code ?

```
#include<iostream>
```

```
using namespace std;
```

```
int main(){
```

```
    string str = "Prepinsta";
```

```
    string s;
```

```
    for(int i=0;i<str.length(); i+=2){
```

```
        s += str[i];
```

```
}
```

```
s.pop_back();
```

```
cout<<s;
```

```
return 0;
```

```
}
```

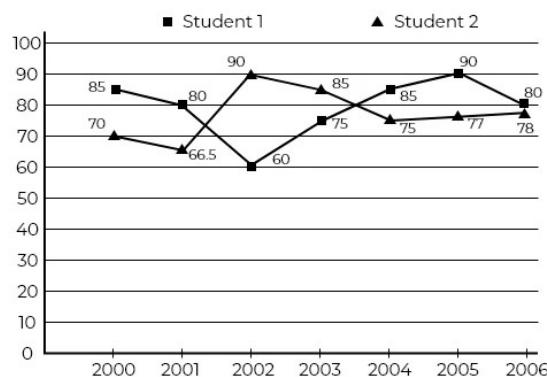
- eisa
- pisa
- peisa
- peis

Question 67

1 Point



Average marks of two students over the years



What percent is student 1's average marks to that of student 2's average marks in the 4th year

- 88.2
- 85.7
- 90
- 87.6

Question 68

1 Point



The sum of ages of 3 people born at the intervals of 4 years each is 72 years. What is the age of the youngest person?

- 29 years
- 31 years
- 12 years
- 20 years

Question 69

1 Point



Choose the correct Idioms or phrases given in the options for the bold part of the sentence

A video call from my favorite film star on my birthday was a complete surprise.

- Bolt from the blue
- A mare's nest
- A damp squib
- A field day

Question 70

1 Point



How many iteration are done to find 7 using binary search in pseudocode?

```
#include<iostream>
using namespace std;
int main()
{
```

```
arr[5] = {2, 6, 7, 9, 10};
return 0;
}
```

- 4
- 1
- 3

2

Question 71

1 Point



Find the next two terms of the given series.

Y, P, V, M, S, I, P, F , ?, ?

- O,C
- M,C
- O,D
- N,C

Question 72

1 Point



Pointing to a photograph. Akshay Kumar said, "He is the son of the only daughter of the father of my brother." How is Akshay Kumar related to the man in the photograph?

- Maternal uncle
- Nephew
- Son
- Cousin

Question 73

1 Point



if $P(A) = 0.3$, $P(B) = 0.2$, $P(A \cap B) = 0.1$

- 0.4
- 0.1
- 0.3
- 0.2

Question 74

1 Point



Find the answer for the following pseudocode:

```
Integer j
Integer arr[2][2] = {{0,2}, {1,3}}
arr[0][0]=arr[0][1]&arr[1][0]
if((arr[0][1]&6)<arr[0][1])
arr[1][1]=4+arr[1][1]
End if
arr[0][1]=arr[1][1]+4^arr[0][1]
if((1+3)<(7-arr[1][1]))
arr[0][1]=arr[0][1]+4+arr[0][1]
Else
arr[0][1]=(8+11)&arr[1][1]
End if
Print arr[1][1]+arr[0][1]+arr[1][1]
```

- 15
- 21
- 9
- 3

Question 75

1 Point



A sum is invested for 3 years compounded at 5%, 10% and 20 % respectively. In three years, if the sum amounts to Rs. 1386, then find the sum.

- Rs.1300
- Rs.1400
- Rs.1500
- Rs.1000

Question 76

1 Point



A can do a job in 24 days. B is 20% more efficient than A. How many days can B alone do the same job?

- 16 days

- 18 days
- 20 days
- None

Question 77

1 Point



In a race I ,My Friend Participated in a Running Competition. Time taken was in the ratio 2:3 respectively .Distances are same for us.Then Find Ratio of speed of us.

- 1 : 2
- 8 : 6
- 2 : 3
- 3 : 2

Question 78

1 Point



Identify the word with correct spelling:

- Foreign
- Forein
- Fariegn
- Foreine

Question 79

1 Point



What will be the output following pseudo code?

```
Integer p,q,r  
Set p=7, q=3, r=4  
if((r+p)>(p-r))  
p=(p+8)+p  
End if  
if(r<p || (p&q)<(6-p))  
r=9&r  
Else  
p=q+r
```

End if

Print p+q+r

- None
- 25
- 21
- 24

Question 80

1 Point



In an examination, 40% are passing percentage. If a person gets 41 marks and fails by 3 marks, what are the maximum marks?

- 110
- 150
- 130
- 160

Question 81

1 Point



Fill in the blank with appropriate articles:

_____ Taj Mahal is situated on Yamuna Banks.

- An
- The
- No articles
- A

Question 82

1 Point



What is the value of sum in the following code for n =5?

```
#include<iostream>
```

```
using namespace std;
```

```
int main(){
```

```
    int n, sum =0;
```

```
    int i=0;
```

```
    while(i<=n){
```

```
        sum = i+n;
```

```
        i+=2;
```

```
}
```

```
    cout<<sum;
```

```
    return 0;
```

```
}
```

- 11
- 21
- 9
- 10

Question 83

1 Point

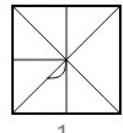
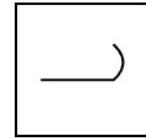


Street lamps start at the interval of 5, 10, 15, 20, and 25 seconds, calculate the number in which the street lamps began together in 40 minutes?

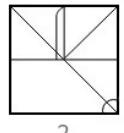
- 7
- 6
- 9
- 8

Question 84

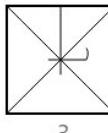
1 Point



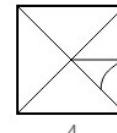
1



2



3



4

Find the answer in which the given figure is embedded. (Rotation is not allowed)

- 2
- 4
- 1
- 3

Question 85

1 Point



1. There are 8 houses in a line and in each house only one girl lives with the conditions as given below:

Janvi is not the neighbour of Simran.

Harsha is just next to the left of Larry.

There is at least one to the left of Larry.

Payal lives in one of the two houses in the middle.

Mina lives in between Payal and Larry.

If at least one lives to the right of Rubina and Harsha is not between Torna and Larry, then which one of the following statements is not correct ?

- There are three persons to the right of Payal

- Rubina is in between simran and Torna
- Torna is in between payal and Janvi
- Rubina is not at the left end

Question 86

1 Point



If 10 men can complete a particular job in 12 days .Then how many men Required to complete the same job in 6 days?

- None
- 25 men
- 20 men
- 21 men

Question 87

1 Point



Out of the four alternatives, choose the one which can be substituted for the given words/sentence.

A person who thinks only of himself

- Proud
- boaster
- Eccentric
- Egoist

Question 88

1 Point



What will be the output following pseudo code?

```
Integer p,q,r  
Set p=2, q=5, r=9  
If((q+9)<=p || (q&p)<=p)  
r=(p&p)+q  
Else
```

$p=r+p$

End if

$r=q+p$

Print $p+q+r$

14

21

9

15

Question 89

1 Point



How many color dots make up one color pixel on a screen?

3

1

8

256

Question 90

1 Point



22, 33, 66, 99, 121, 279, 594

121

594

33

279

Question 91

1 Point



Which of the following is the smallest visual element on a video monitor?

Character

Byte

Pixel Bit

Question 92

1 Point



A milkman purchases the milk at Rs. x per litre and sells it at Rs. $2x$ per litre still he mixes 2 litres water with every 6 litres of pure milk. What is the profit percentage?

 116% 100% 60% 166.66%

Question 93

1 Point



Identify the correct part of the sentence from the given option:

The girl **told her teacher** to explain the whole lesson again.

 no improvement called her teacher asked her teacher said to her teacher

Question 94

1 Point



1. Statement – If you work hard and constantly, you will never fail.

Conclusions –

Hard work and continuity is required to get success.

Without hard work there is a possibility of success.

- Only I conclusion is valid
- Both I and II conclusion valid
- Either I or II conclusion valid
- Only II conclusion is valid