

**CS201 MIDTERM (GRAND QUIZ) SOLVED BY  
HADI**

**CORRECT ANSWER SOLVED BY HADI**

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Question # 2 of 30 ( Start time: 02:14:14 AM, 05 July 2020 )

\_\_\_\_\_ is used for input file or for reading from the file.

Select the correct option

- |                                  |         |
|----------------------------------|---------|
| <input checked="" type="radio"/> | tellg() |
| <input type="radio"/>            | seekg() |
| <input type="radio"/>            | tellp() |
| <input type="radio"/>            | seekp() |

Question # 3 of 30 ( Start time: 02:15:35 AM, 05 July 2020 )

Following is the declaration a \_\_\_\_\_ array. `int arr[2][2][2];`

Select the correct option

- |                                  |                   |
|----------------------------------|-------------------|
| <input type="radio"/>            | 1-Dimensional     |
| <input type="radio"/>            | 2-Dimensional     |
| <input checked="" type="radio"/> | 3-Dimensional     |
| <input type="radio"/>            | None of the given |

Question # 4 of 30 ( Start time: 02:16:19 AM, 05 July 2020 )

!( x < 3) means in C++ that

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Select the correct option

<input type="radio"/>	x is less than 3
<input type="radio"/>	x is greater than or equal to 3
<input checked="" type="radio"/>	x is greater than 3
<input type="radio"/>	x is equal to 3

Question # 5 of 30 ( Start time: 02:16:43 AM, 05 July 2020 )

Which of the following option is correct to complete the declaration of the function?

\_\_\_\_\_ (parameter1, parameter2)

```
{  
  // code to be executed  
}
```

Select the correct option

- |                                  |                     |
|----------------------------------|---------------------|
| <input checked="" type="radio"/> | void functionName   |
| <input type="radio"/>            | int functionName;   |
| <input type="radio"/>            | functionName void   |
| <input type="radio"/>            | void (functionName) |

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Question # 6 of 30 ( Start time: 02:17:49 AM, 05 July 2020)

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Select the correct option

<input type="radio"/>	Input file stream
<input checked="" type="radio"/>	Output file stream
<input type="radio"/>	Input and output file stream
<input type="radio"/>	All of the given

Question # 7 of 30 ( Start time: 02:18:33 AM, 05 July 2020 )

By default, the starting index of an array in C++ is \_\_\_\_\_.

Select the correct option

- |                                  |    |
|----------------------------------|----|
| <input type="radio"/>            | 2  |
| <input type="radio"/>            | -1 |
| <input checked="" type="radio"/> | 0  |
| <input type="radio"/>            | 1  |

Question # 8 of 30 ( Start time: 02:18:47 AM, 05 July 2020 )

How we declare an array of integer data whose size is 20 with array name "count".

Select the correct option

- |                                  |                               |
|----------------------------------|-------------------------------|
| <input type="radio"/>            | <code>int count[19];</code>   |
| <input checked="" type="radio"/> | <code>int count[20];</code>   |
| <input type="radio"/>            | <code>float count[20];</code> |
| <input type="radio"/>            | <code>int count[21];</code>   |



Question # 9 of 30 ( Start time: 02:19:09 AM, 05 July 2020 )

Which of the following is a reserve word for data types in C/C++?

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Select the correct option

<input type="radio"/>	integer
<input checked="" type="radio"/>	int
<input type="radio"/>	character
<input type="radio"/>	doubles



Question # 10 of 30 ( Start time: 02:19:37 AM, 05 July 2020 )

C was developed with the help of \_\_\_\_\_ language(s).

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Select the correct option

- |                                  |                   |
|----------------------------------|-------------------|
| <input type="radio"/>            | BCPL              |
| <input type="radio"/>            | B                 |
| <input checked="" type="radio"/> | BCPL and B        |
| <input type="radio"/>            | none of the above |

Question # 11 of 30 ( Start time: 02:20:20 AM, 05 July 2020 )

An object of \_\_\_\_\_ class can be created for saving the current position of any opened file before reading from the file.

Select the correct option

- |                                  |            |
|----------------------------------|------------|
| <input type="radio"/>            | Stream     |
| <input type="radio"/>            | Filepos    |
| <input checked="" type="radio"/> | Streampos  |
| <input type="radio"/>            | Filestream |

Question # 12 of 30 ( Start time: 02:21:38 AM, 05 July 2020 )

C++ is a \_\_\_\_\_ language.

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Select the correct option

<input checked="" type="radio"/>	High level
<input type="radio"/>	Low level
<input type="radio"/>	Machine
<input type="radio"/>	Fourth Generation

Question # 13 of 30 ( Start time: 02:21:49 AM, 05 July 2020 )

In while loop, the loop counter is initialized at \_\_\_\_\_.

Select the correct option

- |                                  |                          |
|----------------------------------|--------------------------|
| <input type="radio"/>            | Inside the loop          |
| <input checked="" type="radio"/> | Before entering the loop |
| <input type="radio"/>            | After the loop           |
| <input type="radio"/>            | At any place             |

Question # 14 of 30 ( Start time: 02:22:45 AM, 05 July 2020 )

What is the output of the following code if the 3rd case is true

```
switch (var)
{
case 'a':
cout<<"apple"<<endl;
```

Select the correct option

- |                                  |                    |
|----------------------------------|--------------------|
| <input checked="" type="radio"/> | mango              |
| <input type="radio"/>            | mango<br>any fruit |
| <input type="radio"/>            | apple              |
| <input type="radio"/>            | none of the above  |

Question # 15 of 30 ( Start time: 02:23:43 AM, 05 July 2020 )

\_\_\_\_\_ character is used to indicate the end of the string.

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Select the correct option

- |                                  |             |
|----------------------------------|-------------|
| <input type="radio"/>            | New line    |
| <input type="radio"/>            | Blank space |
| <input checked="" type="radio"/> | Null        |
| <input type="radio"/>            | E           |

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Question # 16 of 30 ( Start time: 02:24:17 AM, 05 July 2020 )

Which one of the following is used to perform bit-wise exclusive OR operation?

Select the correct option

- |                                  |   |
|----------------------------------|---|
| <input checked="" type="radio"/> |   |
| <input type="radio"/>            | ^ |
| <input type="radio"/>            |   |
| <input type="radio"/>            | ~ |



Question # 17 of 30 ( Start time: 02:25:01 AM, 05 July 2020 )

If  $x = 11$ , and  $x \% = 3$ , then value of  $x$  will be \_\_\_\_\_.

Select the correct option

- |                                  |    |
|----------------------------------|----|
| <input type="radio"/>            | 11 |
| <input type="radio"/>            | 3  |
| <input checked="" type="radio"/> | 2  |
| <input type="radio"/>            | 0  |

Question # 18 of 30 ( Start time: 02:26:25 AM, 05 July 2020 )

A variable of character data type occupies \_\_\_\_\_ bytes in memory.

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Select the correct option

<input checked="" type="radio"/>	1
<input type="radio"/>	2
<input type="radio"/>	4
<input type="radio"/>	8

Question # 19 of 30 ( Start time: 02:26:38 AM, 05 July 2020 )

Null character is represented by \_\_\_\_\_ in C++.

Select the correct option

- |                                  |    |
|----------------------------------|----|
| <input type="radio"/>            | /0 |
| <input checked="" type="radio"/> | \0 |
| <input type="radio"/>            | \n |
| <input type="radio"/>            | \t |

Question # 20 of 30 ( Start time: 02:26:50 AM, 05 July 2020 )

In computer systems there are mainly \_\_\_\_\_ type of softwares.

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Select the correct option

<input type="radio"/>	1
<input checked="" type="radio"/>	2
<input type="radio"/>	3
<input type="radio"/>	4

Question # 21 of 30 ( Start time: 02:27:44 AM, 05 July 2020 )

There is a pointer variable named ptr of type float. Which type of variable address can be stored by ptr?

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Select the correct option

<input type="radio"/>	int
<input checked="" type="radio"/>	float
<input type="radio"/>	char
<input type="radio"/>	double

Question # 22 of 30 ( Start time: 02:28:35 AM, 05 July 2020 )

A character is stored in the memory in \_\_\_\_\_

Select the correct option

<input checked="" type="radio"/>	byte
<input type="radio"/>	integer
<input type="radio"/>	string
<input type="radio"/>	None of the given

Question # 23 of 30 ( Start time: 02:28:47 AM, 05 July 2020 )

X is an integer variable; what does X++ means,

Select the correct option

- |                                  |                            |
|----------------------------------|----------------------------|
| <input type="radio"/>            | Add 1 two times in X value |
| <input checked="" type="radio"/> | Add 1 in X value           |
| <input type="radio"/>            | Add 2 in X value           |
| <input type="radio"/>            | None of these              |

Question # 24 of 30 ( Start time: 02:29:18 AM, 05 July 2020 )

When we call a function, its control

Select the correct option

- |                                  |   |
|----------------------------------|---|
| <input type="radio"/>            | transfers to its Prototype                    |
| <input checked="" type="radio"/> | transfers to its definition                   |
| <input type="radio"/>            | returns to statement following function call  |
| <input type="radio"/>            | The compiler stops execution of whole program |



Question # 25 of 30 ( Start time: 02:30:47 AM, 05 July 2020 )

'\0' takes \_\_\_\_\_ space in the memory.

Select the correct option

- |                                  |         |
|----------------------------------|---------|
| <input checked="" type="radio"/> | 1 Byte  |
| <input type="radio"/>            | 2 Bytes |
| <input type="radio"/>            | 4 Bytes |
| <input type="radio"/>            | 8 Bytes |

Question # 26 of 30 ( Start time: 02:31:30 AM, 05 July 2020 )

\_\_\_\_\_ will be used for enclosing function statements into a block.

Select the correct option

- |                                  |     |
|----------------------------------|-----|
| <input type="radio"/>            | " " |
| <input type="radio"/>            | ()  |
| <input type="radio"/>            | []  |
| <input checked="" type="radio"/> | { } |

Question # 27 of 30 ( Start time: 02:31:57 AM, 05 July 2020 )

How can we declare an array of characters whose size is 12 with array name "country"?

Select the correct option

- |                                  |                                  |
|----------------------------------|----------------------------------|
| <input checked="" type="radio"/> | <code>char country[12];</code>   |
| <input type="radio"/>            | <code>char country[11];</code>   |
| <input type="radio"/>            | <code>char [12] country;</code>  |
| <input type="radio"/>            | <code>char country[0-11];</code> |

Question # 28 of 30 ( Start time: 02:32:15 AM, 05 July 2020 )

Following is the declaration of a 2D array, how many columns are declared for this array.  
int arr[3][2];

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Select the correct option

- |                                  |    |
|----------------------------------|----|
| <input type="radio"/>            | 3  |
| <input checked="" type="radio"/> | 2  |
| <input type="radio"/>            | 32 |
| <input type="radio"/>            | 23 |

**Question # 29 of 30 ( Start time: 02:32:29 AM, 05 July 2020 )**

If we assign 2.06721 to an integer variable x, what will be the output if we print x using cout<< statement?

Select the correct option

- |                                  |      |
|----------------------------------|------|
| <input checked="" type="radio"/> | 2    |
| <input type="radio"/>            | 2.1  |
| <input type="radio"/>            | 2.06 |
| <input type="radio"/>            | 2.07 |

Question # 30 of 30 ( Start time: 02:32:43 AM, 05 July 2020 )

We can access a global variable \_\_\_\_\_

Select the correct option

- |                                  |                               |
|----------------------------------|-------------------------------|
| <input type="radio"/>            | From the functions only       |
| <input type="radio"/>            | From the loops only           |
| <input type="radio"/>            | From the main() function only |
| <input checked="" type="radio"/> | From anywhere in the program  |

We use \_\_\_\_\_ to include all those functions in our program which are located in different files.

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Select the correct option

- |                                  |          |
|----------------------------------|----------|
| <input checked="" type="radio"/> | Linker   |
| <input type="radio"/>            | Loader   |
| <input type="radio"/>            | Compiler |
| <input type="radio"/>            | Debugger |

Question # 2 of 30 ( Start time: 02:48:03 AM, 05 July 2020 )

A character is stored in the memory in \_\_\_\_\_

Select the correct option

- |                                  |                   |
|----------------------------------|-------------------|
| <input checked="" type="radio"/> | byte              |
| <input type="radio"/>            | integer           |
| <input type="radio"/>            | string            |
| <input type="radio"/>            | None of the given |



Question # 3 of 30 ( Start time: 02:48:17 AM, 05 July 2020 )

Which is not true regarding structures?

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Select the correct option

- a) We can declare arrays of structure
- b) We can take the size of structure
- c) We can't declare pointers to structure
- d) Both b & c

 Save

Question # 4 of 30 ( Start time: 02:49:49 AM, 05 July 2020 )

Following is the declaration of a 2D array, how many columns are declared for this array.  
`int arr[3][2];`

Select the correct option

3

2

32

23

Mr. Ahmad sleeps thirty hours every day. This sentence is \_\_\_\_\_.

Select the correct option

- |                                  |                                       |
|----------------------------------|---------------------------------------|
| <input type="radio"/>            | Grammatically incorrect               |
| <input checked="" type="radio"/> | Grammatically correct but illogical   |
| <input type="radio"/>            | Illogical and grammatically incorrect |
| <input type="radio"/>            | Logical and grammatically correct     |

Question # 6 of 30 ( Start time: 02:50:47 AM, 05 July 2020 )

\_\_\_\_\_ will explain the function of a program.

Select the correct option

<input checked="" type="radio"/>	Comments
<input type="radio"/>	Debugger
<input type="radio"/>	Compiler
<input type="radio"/>	Linker

Question # 7 of 30 ( Start time: 02:51:05 AM, 05 July 2020 )

char \*\*argv can be read as \_\_\_\_\_.

Select the correct option

- |                                  |                            |
|----------------------------------|----------------------------|
| <input type="radio"/>            | pointer to pointer         |
| <input type="radio"/>            | pointer to char            |
| <input checked="" type="radio"/> | pointer to pointer to char |
| <input type="radio"/>            | None of the given          |

Question # 8 of 30 ( Start time: 02:52:02 AM, 05 July 2020 )

What will be output of the following code?  
string name[4] = {"Ali", "Bilal", "Omer", "Ayesha"};  
cout << name[0];

Select the correct option

<input checked="" type="radio"/>	Ali
<input type="radio"/>	Bilal
<input type="radio"/>	Omer
<input type="radio"/>	Ayesha

!( x > 3) means in C++ that

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Select the correct option

- |                                  |                              |
|----------------------------------|------------------------------|
| <input type="radio"/>            | x is greater than 3          |
| <input type="radio"/>            | x is less than or equal to 3 |
| <input checked="" type="radio"/> | x is less than 3             |
| <input type="radio"/>            | x is equal to 3              |

Question # 10 of 30 ( Start time: 02:52:43 AM, 05 July 2020 )

The data type before a function name represents its,

Select the correct option

<input checked="" type="radio"/>	Return Type
<input type="radio"/>	Function data
<input type="radio"/>	Function arguments
<input type="radio"/>	Function name

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Question # 11 of 30 ( Start time: 02:52:58 AM, 05 July 2020 )

The expression  $((a + b) == 10) \parallel ((x + y) == 20)$  is true only if

Select the correct option

- |                                  |   |
|----------------------------------|---|
| <input checked="" type="radio"/> | Either $((a + b) == 10)$ OR $((x + y) == 20)$ is true |
| <input type="radio"/>            | Both $((a + b) == 10)$ AND $((x + y) == 20)$ are true |
| <input type="radio"/>            | $((a + b) == 10)$ is true                             |
| <input type="radio"/>            | $((x + y) == 20)$ is true                             |

we have opened a file stream myfile for reading (getting), myfile.tellg () gives us the current get position of the file pointer. It returns a whole number of type \_\_\_\_\_

Select the correct option

- |                                  |        |    |
|----------------------------------|--------|----|
| <input checked="" type="radio"/> | long   | // |
| <input type="radio"/>            | int    | // |
| <input type="radio"/>            | short  | // |
| <input type="radio"/>            | double | // |

Question # 13 of 30 ( Start time: 02:54:27 AM, 05 July 2020 )

= operator is used for \_\_\_\_\_.

Select the correct option

- |                                  |                               |
|----------------------------------|-------------------------------|
| <input type="radio"/>            | Decision making               |
| <input checked="" type="radio"/> | Assigning values to variables |
| <input type="radio"/>            | Checking equality             |
| <input type="radio"/>            | Comparison                    |



Question # 15 of 30 ( Start time: 02:56:33 AM, 05 July 2020 )

What is the use of ios::trunc mode?

Select the correct option

- |                                  |                                      |
|----------------------------------|--------------------------------------|
| <input type="radio"/>            | To open a file in input mode         |
| <input type="radio"/>            | To open a file in output mode        |
| <input type="radio"/>            | To truncate an existing file to half |
| <input checked="" type="radio"/> | To truncate an existing file to zero |

X is an integer variable; what does  $X++$  means,

Select the correct option

- |                                  |                            |
|----------------------------------|----------------------------|
| <input type="radio"/>            | Add 1 two times in X value |
| <input checked="" type="radio"/> | Add 1 in X value           |
| <input type="radio"/>            | Add 2 in X value           |
| <input type="radio"/>            | None of these              |

Question # 17 of 30 ( Start time: 02:57:49 AM, 05 July 2020 )

Structures use \_\_\_\_\_ allocation.

Select the correct option

- |                                  |       |
|----------------------------------|-------|
| <input type="radio"/>            | Queue |
| <input checked="" type="radio"/> | Heap  |
| <input type="radio"/>            | Cache |
| <input type="radio"/>            | Stack |

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Question # 18 of 30 ( Start time: 02:59:19 AM, 05 July 2020 )

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```
void myClass()
{
void myClass2()
{ cout << "I am student of BSIT.\n"; }
int main()
{ myClass2();
  myClass(); }
```

Select the correct option

- |                                  |  |
|----------------------------------|--|
| <input type="radio"/>            | I am student of BSCS.                          |
| <input type="radio"/>            | I am student of BSIT.                          |
| <input checked="" type="radio"/> | I am student of BSIT.<br>I am student of BSCS. |
| <input type="radio"/>            | I am student of BSCS.<br>I am student of BSIT. |



Question # 19 of 30 ( Start time: 03:00:18 AM, 05 July 2020 )

What will be the size of the following character array?  
char name[] = "Adeel";

Select the correct option

- |                                  |   |
|----------------------------------|---|
| <input type="radio"/>            | 5 |
| <input checked="" type="radio"/> | 6 |
| <input type="radio"/>            | 4 |
| <input type="radio"/>            | 7 |

Question # 20 of 30 ( Start time: 03:00:56 AM, 05 July 2020 )

A \_\_\_\_\_ is an array of characters that can store number of character specified.

Select the correct option

- |                                  |                        |
|----------------------------------|------------------------|
| <input type="radio"/>            | Char                   |
| <input checked="" type="radio"/> | String                 |
| <input type="radio"/>            | Multidimensional array |
| <input type="radio"/>            | Data type              |

Question # 21 of 30 ( Start time: 03:01:28 AM, 05 July 2020 )

\_\_\_\_\_ statement is used to terminate the processing of a particular case and exit from switch structure.

Select the correct option

- |                                  |          |
|----------------------------------|----------|
| <input type="radio"/>            | if       |
| <input type="radio"/>            | goto     |
| <input checked="" type="radio"/> | break    |
| <input type="radio"/>            | continue |

Question # 22 of 30 ( Start time: 03:02:02 AM, 05 July 2020 )

If  $y = 20$  and  $z = y++$ , then the value of  $z$  will be \_\_\_\_\_.

Select the correct option

- |                                  |    |
|----------------------------------|----|
| <input type="radio"/>            | 19 |
| <input type="radio"/>            | 20 |
| <input checked="" type="radio"/> | 21 |
| <input type="radio"/>            | 22 |

Question # 23 of 30 ( Start time: 03:02:21 AM, 05 July 2020 )

```
If  
int a = 17;  
int b = 3;  
double c = a / b;  
What will be value of variable c?
```

Select the correct option

- |                                  |     |
|----------------------------------|-----|
| <input type="radio"/>            | 5.5 |
| <input type="radio"/>            | 5.6 |
| <input checked="" type="radio"/> | 5   |
| <input type="radio"/>            | 5.7 |

Question # 24 of 30 ( Start time: 03:03:42 AM, 05 July 2020 )

What will be the output of the following code?

```
string grade [3] = {"A", "B", "C"};  
grade[2] = "F";  
cout << grade[2];
```

Select the correct option

- |                                  |   |
|----------------------------------|---|
| <input type="radio"/>            | A |
| <input type="radio"/>            | B |
| <input type="radio"/>            | C |
| <input checked="" type="radio"/> | F |

Question # 25 of 30 ( Start time: 03:05:06 AM, 05 July 2020 )

Before C, which language(s) were used to develop compilers?

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Select the correct option

- |                                  |                   |
|----------------------------------|-------------------|
| <input type="radio"/>            | BCPL              |
| <input type="radio"/>            | B                 |
| <input checked="" type="radio"/> | BCPL and B        |
| <input type="radio"/>            | None of the above |

Question # 27 of 30 ( Start time: 03:06:47 AM, 05 July 2020 )

Declaration of two-dimensional array of integers having 3 rows and 5 columns is following?

Select the correct option

- |                                  |                               |
|----------------------------------|-------------------------------|
| <input checked="" type="radio"/> | <code>int arr [3][5];</code>  |
| <input type="radio"/>            | <code>int arr {5}{3};</code>  |
| <input type="radio"/>            | <code>int [3],[5] arr;</code> |
| <input type="radio"/>            | <code>int [5][3 arr];</code>  |



Question # 28 of 30 ( Start time: 03:07:11 AM, 05 July 2020 )

$a = a + 1$ ; can be written as \_\_\_\_\_.

Select the correct option

- |                                  |               |
|----------------------------------|---------------|
| <input type="radio"/>            | $a + 1$ ;     |
| <input checked="" type="radio"/> | $a + = 1$ ;   |
| <input type="radio"/>            | $a + a + 1$ ; |
| <input type="radio"/>            | $1 + a = a$ ; |

Question # 29 of 30 ( Start time: 03:07:44 AM, 05 July 2020 )

A record is a group of related

Select the correct option

- |                                  |        |
|----------------------------------|--------|
| <input type="radio"/>            | Data   |
| <input checked="" type="radio"/> | Fields |
| <input type="radio"/>            | Bytes  |
| <input type="radio"/>            | Files  |

Question # 30 of 30 ( Start time: 03:08:32 AM, 05 July 2020 )

```
default:  
cout<<"any fruit"<<endl;  
}
```

Select the correct option

- |                                  |                    |
|----------------------------------|--------------------|
| <input checked="" type="radio"/> | mango              |
| <input type="radio"/>            | mango<br>any fruit |
| <input type="radio"/>            | apple              |
| <input type="radio"/>            | none of the above  |

Question # 1 of 30 ( Start time: 03:10:19 AM, 05 July 2020 )

A character is stored in the memory in \_\_\_\_\_

Select the correct option

- |                                  |                   |
|----------------------------------|-------------------|
| <input checked="" type="radio"/> | byte              |
| <input type="radio"/>            | integer           |
| <input type="radio"/>            | string            |
| <input type="radio"/>            | None of the given |

Question # 2 of 30 ( Start time: 03:10:35 AM, 05 July 2020 )

What will be the result of arithmetic expression  $6+48/4*3$ ?

Select the correct option

- |                                  |      |
|----------------------------------|------|
| <input type="radio"/>            | 10   |
| <input type="radio"/>            | 40.5 |
| <input checked="" type="radio"/> | 42   |
| <input type="radio"/>            | 41   |

Question # 3 of 30 ( Start time: 03:10:56 AM, 05 July 2020 )

\_\_\_\_\_ Construct is used to execute a set of instructions when a condition is true and other set when it is false.

Select the correct option

- |                                  |         |
|----------------------------------|---------|
| <input type="radio"/>            | if      |
| <input type="radio"/>            | else    |
| <input checked="" type="radio"/> | if/else |
| <input type="radio"/>            | else/if |

Question # 4 of 30 ( Start time: 03:11:12 AM, 05 July 2020 )

If an array has 50 elements, what is allowable range of subscripts?

Select the correct option

- |                                  |        |
|----------------------------------|--------|
| <input checked="" type="radio"/> | 0 - 49 |
| <input type="radio"/>            | 1 - 49 |
| <input type="radio"/>            | 0 - 50 |
| <input type="radio"/>            | 1 - 50 |

Question # 5 of 30 ( Start time: 03:12:07 AM, 05 July 2020 )

If  $\text{int } a = 50$ ; then the value of  $a/= 3$ ; will be,

Select the correct option

- |                                  |    |
|----------------------------------|----|
| <input type="radio"/>            | 15 |
| <input type="radio"/>            | 18 |
| <input checked="" type="radio"/> | 16 |
| <input type="radio"/>            | 17 |

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Question # 6 of 30 ( Start time: 03:13:16 AM, 05 July 2020 )

Which of the following option is/are correct about array?

Select the correct option

- |                                  |  |
|----------------------------------|--|
| <input type="radio"/>            | Different types of elements can store in an array. |
| <input checked="" type="radio"/> | Only one type of elements can store in an array.   |
| <input type="radio"/>            | Elements in an array cannot be sorted.             |
| <input type="radio"/>            | All the given options                              |

Question # 7 of 30 ( Start time: 03:13:54 AM, 05 July 2020 )

Whenever some number is added in an array name, it will jump as many \_\_\_\_\_ as the added number.

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Select the correct option

<input checked="" type="radio"/>	rows
<input type="radio"/>	value
<input type="radio"/>	column
<input type="radio"/>	None of the given

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Question # 8 of 30 ( Start time: 03:14:40 AM, 05 July 2020 )

```
void myClass()
{ cout << "I am student of BSCS.\n"; }
void myClass2()
{ cout << "I am student of BSIT.\n"; }
int main()
{ myClass2();
  myClass(); }
```

Select the correct option

- |                                  |  |
|----------------------------------|--|
| <input type="radio"/>            | I am student of BSCS.                          |
| <input type="radio"/>            | I am student of BSIT.                          |
| <input checked="" type="radio"/> | I am student of BSIT.<br>I am student of BSCS. |
| <input type="radio"/>            | I am student of BSCS.<br>I am student of BSIT. |

Question # 9 of 30 ( Start time: 03:15:04 AM, 05 July 2020 )

\_\_\_\_\_ Returns true if c is a digit or a letter and false otherwise.

Select the correct option

- |                                  |                       |
|----------------------------------|-----------------------|
| <input type="radio"/>            | int isalpha( int c )  |
| <input checked="" type="radio"/> | int isalnum( int c )  |
| <input type="radio"/>            | int isxdigit( int c ) |
| <input type="radio"/>            | int isdigit( int c )  |

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Question # 10 of 30 ( Start time: 03:15:47 AM, 05 July 2020 )

Which of the following is the default mode of the opening using the ofstream class?

Select the correct option

- |                                  |            |
|----------------------------------|------------|
| <input type="radio"/>            | ios::in    |
| <input type="radio"/>            | ios::out   |
| <input type="radio"/>            | ios::app   |
| <input checked="" type="radio"/> | ios::trunc |

In which language the compiler of C language is written?

Select the correct option

- |                                  |         |
|----------------------------------|---------|
| <input type="radio"/>            | Java    |
| <input type="radio"/>            | Fortran |
| <input type="radio"/>            | Basic   |
| <input checked="" type="radio"/> | C       |

Question # 12 of 30 ( Start time: 03:17:26 AM, 05 July 2020 )

While loop executes at least,

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Select the correct option

<input type="radio"/>	Zero time
<input checked="" type="radio"/>	One time
<input type="radio"/>	N Time
<input type="radio"/>	None of these

Question # 13 of 30 ( Start time: 03:17:47 AM, 05 July 2020 )

Strings are accessed by variable of type \_\_\_\_\_.

Select the correct option

- |                                  |                   |
|----------------------------------|-------------------|
| <input checked="" type="radio"/> | char              |
| <input type="radio"/>            | int               |
| <input type="radio"/>            | double            |
| <input type="radio"/>            | None of the given |



Question # 14 of 30 ( Start time: 03:18:37 AM, 05 July 2020 )

Which of the following is the correct operator to compare the values of two variables?

Select the correct option

- |                                  |    |
|----------------------------------|----|
| <input type="radio"/>            | := |
| <input type="radio"/>            | =  |
| <input type="radio"/>            | *= |
| <input checked="" type="radio"/> | == |

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Question # 15 of 30 ( Start time: 03:18:52 AM, 05 July 2020 )

NOT operator is a \_\_\_\_\_.

Select the correct option

- |                                  |                       |
|----------------------------------|-----------------------|
| <input checked="" type="radio"/> | Single input operator |
| <input type="radio"/>            | Binary operator       |
| <input type="radio"/>            | Ternary operator      |
| <input type="radio"/>            | None of the given     |

Question # 16 of 30 ( Start time: 03:20:08 AM, 05 July 2020 )

Pointer points to a particular \_\_\_\_\_.

Select the correct option

- |                                  |                |
|----------------------------------|----------------|
| <input type="radio"/>            | Value          |
| <input type="radio"/>            | variable       |
| <input type="radio"/>            | data type      |
| <input checked="" type="radio"/> | memory address |

Question # 17 of 30 ( Start time: 03:20:24 AM, 05 July 2020 )

A function is a block of statements that can be defined once and used \_\_\_\_\_ in the program.

Select the correct option

- |                                  |                             |
|----------------------------------|-----------------------------|
| <input type="radio"/>            | One time                    |
| <input type="radio"/>            | Two times                   |
| <input type="radio"/>            | Three times                 |
| <input checked="" type="radio"/> | As many times as user wants |

Question # 18 of 30 ( Start time: 03:20:51 AM, 05 July 2020 )

\_\_\_\_\_ function is used to find the number of characters in a string.

Select the correct option

- |                                  |             |
|----------------------------------|-------------|
| <input type="radio"/>            | str()       |
| <input type="radio"/>            | str_len()   |
| <input type="radio"/>            | strlength() |
| <input checked="" type="radio"/> | strlen()    |

Question # 19 of 30 ( Start time: 03:21:11 AM, 05 July 2020 )

!= operator is used to check whether the operand on the left-hand-side is \_\_\_\_\_ to the operand on the right-hand-side.

Select the correct option

- |                                  |                        |
|----------------------------------|------------------------|
| <input type="radio"/>            | Less than or equal     |
| <input type="radio"/>            | Greater than or equal  |
| <input checked="" type="radio"/> | Not equal              |
| <input type="radio"/>            | Approximately equal to |

Question # 20 of 30 ( Start time: 03:21:26 AM, 05 July 2020 )

A while loop may execute \_\_\_\_\_ or more times.

Select the correct option

- 0
- 1
- 2
- 3

Question # 21 of 30 ( Start time: 03:22:06 AM, 05 July 2020 )

How we declare an array of integer data whose size is 20 with array name "count".

Select the correct option

- |                                  |                  |
|----------------------------------|------------------|
| <input type="radio"/>            | int count[19];   |
| <input checked="" type="radio"/> | int count[20];   |
| <input type="radio"/>            | float count[20]; |
| <input type="radio"/>            | int count[21];   |



Question # 22 of 30 ( Start time: 03:22:37 AM, 05 July 2020 )

A variable declared within a code block becomes \_\_\_\_\_ variable for that block.

Select the correct option

- |                                  |         |
|----------------------------------|---------|
| <input type="radio"/>            | Static  |
| <input type="radio"/>            | Integer |
| <input checked="" type="radio"/> | Local   |
| <input type="radio"/>            | Global  |

Question # 24 of 30 ( Start time: 03:24:42 AM, 05 July 2020 )

Which one of the following is used to perform bit-wise exclusive OR operation?

Select the correct option

- |                                  |   |
|----------------------------------|---|
| <input checked="" type="radio"/> |   |
| <input type="radio"/>            | ^ |
| <input type="radio"/>            |   |
| <input type="radio"/>            | ~ |

Question # 25 of 30 ( Start time: 03:24:53 AM, 05 July 2020 )

If a file is opened with ios::out mode, then \_\_\_\_\_.

Select the correct option

- |                                  |                           |
|----------------------------------|---------------------------|
| <input type="radio"/>            | file is deleted           |
| <input checked="" type="radio"/> | we can write in this file |
| <input type="radio"/>            | content of file discarded |
| <input type="radio"/>            | a new file is created     |

Question # 26 of 30 ( Start time: 03:25:45 AM, 05 July 2020 )

A function's prototype is written \_\_\_\_\_ the function call.

Select the correct option

- |                                  |               |
|----------------------------------|---------------|
| <input type="radio"/>            | After         |
| <input checked="" type="radio"/> | Before        |
| <input type="radio"/>            | With          |
| <input type="radio"/>            | At the end of |

\_\_\_\_\_ loop is mostly used to perform repetition of a tasks for a known number of times.

Select the correct option

- |                                  |             |
|----------------------------------|-------------|
| <input type="radio"/>            | While       |
| <input type="radio"/>            | Do-While    |
| <input checked="" type="radio"/> | For         |
| <input type="radio"/>            | Nested Loop |

Question # 28 of 30 ( Start time: 03:26:54 AM, 05 July 2020 )

In shifting operations if zero is inserted at the left most bit, the negative number will become a \_\_\_\_\_ number.

Select the correct option

- |                                  |          |
|----------------------------------|----------|
| <input checked="" type="radio"/> | Positive |
| <input type="radio"/>            | Negative |
| <input type="radio"/>            | Absolute |
| <input type="radio"/>            | Smaller  |

Question # 30 of 30 ( Start time: 03:27:51 AM, 05 July 2020 )

It is the job of \_\_\_\_\_ to transfer the executable code from hard disk to main memory.

Select the correct option

- |                                  |             |
|----------------------------------|-------------|
| <input type="radio"/>            | Interpreter |
| <input type="radio"/>            | Debugger    |
| <input type="radio"/>            | Linker      |
| <input checked="" type="radio"/> | Loader      |

Question # 1 of 30 ( Start time: 03:53:34 AM, 05 July 2020 )

Which one of the following is used to perform bit-wise OR operation?

Select the correct option

- |                                  |             |
|----------------------------------|-------------|
| <input type="radio"/>            | $\parallel$ |
| <input type="radio"/>            | $\wedge$    |
| <input checked="" type="radio"/> | $ $         |
| <input type="radio"/>            | $\sim$      |



Question # 2 of 30 ( Start time: 03:54:21 AM, 05 July 2020 )

RAID stands for\_\_\_\_\_.

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Select the correct option

- |                                  |   |
|----------------------------------|---|
| <input type="radio"/>            | Redundant Array of Inexpensive Dices    |
| <input checked="" type="radio"/> | Redundant Array of Inexperience Devices |
| <input type="radio"/>            | Redundant Array of Inexpensive Devices  |
| <input type="radio"/>            | Reduced Array of Inexpensive Devices    |

Question # 3 of 30 ( Start time: 03:54:48 AM, 05 July 2020 )

Array indexes start from \_\_\_\_\_.

Select the correct option

- |                                  |   |
|----------------------------------|---|
| <input checked="" type="radio"/> | 0 |
| <input type="radio"/>            | 1 |
| <input type="radio"/>            | 2 |
| <input type="radio"/>            | 3 |

Question # 7 of 30 ( Start time: 03:57:47 AM, 05 July 2020 )

In call by reference, \_\_\_\_\_ of a variable is passed to the called function.

Select the correct option

<input type="radio"/>	Name
<input type="radio"/>	Data type
<input type="radio"/>	Value
<input checked="" type="radio"/>	Address

Question # 11 of 30 ( Start time: 04:00:08 AM, 05 July 2020 )

\_\_\_\_\_character is used to indicate the end of the string.

Select the correct option

- |                                  |             |
|----------------------------------|-------------|
| <input type="radio"/>            | New line    |
| <input type="radio"/>            | Blank space |
| <input checked="" type="radio"/> | Null        |
| <input type="radio"/>            | E           |

Question # 13 of 30 ( Start time: 04:00:43 AM, 05 July 2020 )

How many times the following do-while loop will execute?

```
int k = 10;
do
{
    cout << "Statements" << endl;
```

Select the correct option

- |                                  |   |
|----------------------------------|---|
| <input type="radio"/>            | 4 |
| <input type="radio"/>            | 5 |
| <input checked="" type="radio"/> | 6 |
| <input type="radio"/>            | 7 |

Question # 14 of 30 ( Start time: 04:01:22 AM, 05 July 2020 )

The name of a location in memory is called \_\_\_\_\_.

Select the correct option

- |                                  |          |
|----------------------------------|----------|
| <input type="radio"/>            | Constant |
| <input checked="" type="radio"/> | Variable |
| <input type="radio"/>            | Cell     |
| <input type="radio"/>            | Number   |

\_\_\_\_\_ function is used to find the number of characters in a string.

Select the correct option

- |                                  |             |
|----------------------------------|-------------|
| <input type="radio"/>            | str()       |
| <input type="radio"/>            | str_len()   |
| <input type="radio"/>            | strlength() |
| <input checked="" type="radio"/> | strlen()    |

Which statement is used to close a file?

Select the correct option



`myFile.off();`



`myFile.shut();`



`myFile.closefile();`



`myFile.close();`



Question # 19 of 30 ( Start time: 04:04:29 AM, 05 July 2020 )

\_\_\_\_\_ allow us to have a memory location and use it as int or char interchangeably

Select the correct option

- structures
- union
- construct
- None of the given

Question # 20 of 30 ( Start time: 04:05:52 AM, 05 July 2020 )

While handling files, one can have \_\_\_\_\_ options

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Select the correct option

- |                                  |                                 |
|----------------------------------|---------------------------------|
| <input type="radio"/>            | read the file                   |
| <input type="radio"/>            | write in some file              |
| <input type="radio"/>            | read and write in the same file |
| <input checked="" type="radio"/> | All of the given                |

Question # 21 of 30 ( Start time: 04:06:21 AM, 05 July 2020 )

\_\_\_\_\_function give the position of the next character to be read from that file.

Select the correct option

- |                                  |         |
|----------------------------------|---------|
| <input type="radio"/>            | tellp() |
| <input checked="" type="radio"/> | tellg() |
| <input type="radio"/>            | seekg() |
| <input type="radio"/>            | seekp() |

Question # 22 of 30 ( Start time: 04:07:46 AM, 05 July 2020 )

Total Marks

function is used to determine the next position to write a character while writing into a file.

Select the correct option

- |                                  |         |    |
|----------------------------------|---------|----|
| <input type="radio"/>            | tellg() | // |
| <input type="radio"/>            | seekg() | // |
| <input type="radio"/>            | seekp() | // |
| <input checked="" type="radio"/> | tellp() | // |

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Question # 24 of 30 ( Start time: 04:09:06 AM, 05 July 2020 )

Which is the correct syntax to define a structure named 'student'?

Select the correct option

- |                                  |  |
|----------------------------------|--|
| <input type="radio"/>            | <pre>structure student(<br/>//variables<br/>);</pre> |
| <input type="radio"/>            | <pre>struct student(<br/>//variables<br/>);</pre>    |
| <input type="radio"/>            | <pre>structure student{<br/>//variables<br/>};</pre> |
| <input checked="" type="radio"/> | <pre>struct student{<br/>//variables<br/>};</pre>    |

Question # 25 of 30 ( Start time: 04:09:47 AM, 05 July 2020 )

< and > both are \_\_\_\_\_ operators.

Select the correct option

- |                                  |              |
|----------------------------------|--------------|
| <input type="radio"/>            | Arithmetic   |
| <input type="radio"/>            | Relational   |
| <input checked="" type="radio"/> | Logical      |
| <input type="radio"/>            | Mathematical |

Question # 30 of 30 ( Start time: 04:13:07 AM, 05 July 2020 )

Structures use \_\_\_\_\_ allocation.

Select the correct option

- |                                  |       |
|----------------------------------|-------|
| <input type="radio"/>            | Queue |
| <input checked="" type="radio"/> | Heap  |
| <input type="radio"/>            | Cache |
| <input type="radio"/>            | Stack |

Question # 1 of 30 ( Start time: 04:19:33 AM, 05 July 2020 )

Identify the logical error in the following if condition  
If ((i < 5) & (i > 15))

Select the correct option

- |                                  |                                     |
|----------------------------------|-------------------------------------|
| <input type="radio"/>            | Condition is always true            |
| <input checked="" type="radio"/> | Condition is always false           |
| <input type="radio"/>            | & will be used instead of &&        |
| <input type="radio"/>            | && cannot be used with if condition |



NOT operator is a \_\_\_\_\_

Select the correct option

<input checked="" type="radio"/>	Single input operator
<input type="radio"/>	Binary operator
<input type="radio"/>	Ternary operator
<input type="radio"/>	None of the given

Question # 3 of 30 ( Start time: 04:20:29 AM, 05 July 2020 )

The use of \* sign in first and second statements is called \_\_\_\_\_ and \_\_\_\_\_ of pointer.

```
int *ptr = &x;  
cout<<*ptr;
```

Select the correct option

- |                                  |                              |
|----------------------------------|------------------------------|
| <input checked="" type="radio"/> | referencing, dereferencing   |
| <input type="radio"/>            | dereferencing, referencing   |
| <input type="radio"/>            | referencing, referencing     |
| <input type="radio"/>            | dereferencing, dereferencing |

Question # 4 of 30 ( Start time: 04:20:56 AM, 05 July 2020 )

C is widely known as development language of \_\_\_\_\_ operating system.

Select the correct option

- |                                  |         |
|----------------------------------|---------|
| <input checked="" type="radio"/> | Linux   |
| <input type="radio"/>            | Unix    |
| <input type="radio"/>            | Windows |
| <input type="radio"/>            | Mac OS  |

Question # 6 of 30 ( Start time: 04:23:41 AM, 05 July 2020 )

If x is declare as an integer, what will be result of the given expression?

$$x = 2 + 3 * 5 \% 2 + 3 / 2$$

Select the correct option

- |                                  |     |
|----------------------------------|-----|
| <input checked="" type="radio"/> | 4   |
| <input type="radio"/>            | 2   |
| <input type="radio"/>            | 4.5 |
| <input type="radio"/>            | 5   |

Question # 7 of 30 ( Start time: 04:24:54 AM, 05 July 2020 )

What will be the correct syntax of declaration of the following statement?  
" ptr is a pointer to const int "

Select the correct option

- |                                  |                 |
|----------------------------------|-----------------|
| <input type="radio"/>            | int const* ptr  |
| <input type="radio"/>            | int * const ptr |
| <input checked="" type="radio"/> | const int *ptr  |
| <input type="radio"/>            | const* int ptr  |

Question # 9 of 30 ( Start time: 04:25:36 AM, 05 July 2020 )

= operator is used for \_\_\_\_\_.

Select the correct option

- |                                  |                               |
|----------------------------------|-------------------------------|
| <input type="radio"/>            | Decision making               |
| <input checked="" type="radio"/> | Assigning values to variables |
| <input type="radio"/>            | Checking equality             |
| <input type="radio"/>            | Comparison                    |

Question # 10 of 30 ( Start time: 04:25:45 AM, 05 July 2020 )

After evaluating the expression  
 $x = 10 + 3 * 4 / 2 - 1$ , the value of x will be

Select the correct option

- |                                  |    |
|----------------------------------|----|
| <input type="radio"/>            | 25 |
| <input type="radio"/>            | 22 |
| <input type="radio"/>            | 52 |
| <input checked="" type="radio"/> | 15 |

Question # 11 of 30 ( Start time: 04:26:23 AM, 05 July 2020 )

We can read, write and manipulate the same file using \_\_\_\_\_.

Select the correct option

- |                                  |            |
|----------------------------------|------------|
| <input type="radio"/>            | iostream.h |
| <input type="radio"/>            | stdio.h    |
| <input checked="" type="radio"/> | fstream.h  |
| <input type="radio"/>            | iomanip.h  |

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Return type of a function that does not return any value must be \_\_\_\_\_.

Select the correct option

- |                                  |        |
|----------------------------------|--------|
| <input type="radio"/>            | char   |
| <input type="radio"/>            | int    |
| <input checked="" type="radio"/> | void   |
| <input type="radio"/>            | double |

Question # 14 of 30 ( Start time: 04:27:33 AM, 05 July 2020 )

Pointers store the \_\_\_\_\_.

Select the correct option

- |                                  |                     |
|----------------------------------|---------------------|
| <input type="radio"/>            | value of a variable |
| <input checked="" type="radio"/> | memory address      |
| <input type="radio"/>            | characters          |
| <input type="radio"/>            | None of the given   |

Question # 15 of 30 ( Start time: 04:27:47 AM, 05 July 2020 )

Structures use \_\_\_\_\_ allocation.

Select the correct option

- |                                  |       |
|----------------------------------|-------|
| <input type="radio"/>            | Queue |
| <input checked="" type="radio"/> | Heap  |
| <input type="radio"/>            | Cache |
| <input type="radio"/>            | Stack |

Question # 17 of 30 ( Start time: 04:29:05 AM, 05 July 2020 )

\_\_\_\_\_ operator uses the sign ^.

Select the correct option

- |                                  |              |
|----------------------------------|--------------|
| <input type="radio"/>            | Bit-wise OR  |
| <input checked="" type="radio"/> | Exclusive OR |
| <input type="radio"/>            | AND Operator |
| <input type="radio"/>            | NOT operator |

Question # 18 of 30 ( Start time: 04:29:31 AM, 05 July 2020 )

To get the value stored at a memory address, we use the \_\_\_\_\_.

Select the correct option

- |                                  |                        |
|----------------------------------|------------------------|
| <input type="radio"/>            | referencing operator   |
| <input checked="" type="radio"/> | dereferencing operator |
| <input type="radio"/>            | binary operator        |
| <input type="radio"/>            | AND(&&) operator       |

Question # 19 of 30 ( Start time: 04:29:46 AM, 05 July 2020 )

C++ is a \_\_\_\_\_ language.

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Select the correct option

<input checked="" type="radio"/>	High level
<input type="radio"/>	Low level
<input type="radio"/>	Machine
<input type="radio"/>	Fourth Generation

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Question # 20 of 30 ( Start time: 04:29:57 AM, 05 July 2020 )

Telling a computer what to do is called \_\_\_\_\_.

Select the correct option

- |                                  |              |
|----------------------------------|--------------|
| <input type="radio"/>            | Designing    |
| <input type="radio"/>            | Implementing |
| <input checked="" type="radio"/> | Programming  |
| <input type="radio"/>            | Compiling    |

Question # 21 of 30 ( Start time: 04:30:12 AM, 05 July 2020 )

Null character is represented by \_\_\_\_\_ in C++.

Select the correct option

- |                                  |    |
|----------------------------------|----|
| <input type="radio"/>            | /0 |
| <input checked="" type="radio"/> | \0 |
| <input type="radio"/>            | \n |
| <input type="radio"/>            | \t |



Question # 22 of 30 ( Start time: 04:30:23 AM, 05 July 2020 )

There is a pointer variable named ptr of type float. Which type of variable address can be stored by ptr?

Select the correct option

- |                                  |        |
|----------------------------------|--------|
| <input type="radio"/>            | int    |
| <input checked="" type="radio"/> | float  |
| <input type="radio"/>            | char   |
| <input type="radio"/>            | double |

Question # 23 of 30 ( Start time: 04:30:37 AM, 05 July 2020 )

A character is stored in the memory in \_\_\_\_\_.

Select the correct option

- |                                  |                   |
|----------------------------------|-------------------|
| <input checked="" type="radio"/> | byte              |
| <input type="radio"/>            | integer           |
| <input type="radio"/>            | string            |
| <input type="radio"/>            | None of the given |

Question # 24 of 30 ( Start time: 04:30:50 AM, 05 July 2020 )

Compiler translates high level language program into \_\_\_\_\_ language code.

Select the correct option

- |                                  |             |
|----------------------------------|-------------|
| <input checked="" type="radio"/> | Machine     |
| <input type="radio"/>            | Source code |
| <input type="radio"/>            | Java        |
| <input type="radio"/>            | C#          |

Question # 25 of 30 ( Start time: 04:31:01 AM, 05 July 2020 )

Each array declaration must provide the information about all these things except \_\_\_\_\_.

Select the correct option

- |                                  |  |
|----------------------------------|--|
| <input type="radio"/>            | Name of the array                              |
| <input type="radio"/>            | Type of data stored in the array               |
| <input checked="" type="radio"/> | The location of the first element to be stored |
| <input type="radio"/>            | Number of elements of the array                |

Question # 26 of 30 ( Start time: 04:31:28 AM, 05 July 2020 )

eof is used to check for the \_\_\_\_\_ of file when a file is being read.

Select the correct option

- |                                  |        |
|----------------------------------|--------|
| <input type="radio"/>            | Start  |
| <input checked="" type="radio"/> | End    |
| <input type="radio"/>            | Middle |
| <input type="radio"/>            | Name   |

Question # 27 of 30 ( Start time: 04:31:39 AM, 05 July 2020 )

The result of  $4\%3$  will be

Select the correct option

- |                                  |      |
|----------------------------------|------|
| <input type="radio"/>            | 2    |
| <input type="radio"/>            | 1.5  |
| <input checked="" type="radio"/> | 1    |
| <input type="radio"/>            | 1.33 |

Question # 28 of 30 ( Start time: 04:31:55 AM, 05 July 2020 )

When the logical operator AND (&&) combine two expressions exp1 and exp2 then the result will be true only,

Select the correct option

- |                                  |                                     |
|----------------------------------|-------------------------------------|
| <input type="radio"/>            | When both exp1 and exp2 are false   |
| <input checked="" type="radio"/> | When both exp1 and exp2 are true    |
| <input type="radio"/>            | When exp1 is true and exp2 is false |
| <input type="radio"/>            | When exp1 is false and exp2 is true |

Question # 29 of 30 ( Start time: 04:32:12 AM, 05 July 2020 )

'multi [3] [3]' element can also be accessed by '\_\_\_\_\_':

Select the correct option

- |                                  |                   |
|----------------------------------|-------------------|
| <input type="radio"/>            | ***(multi+3)+3    |
| <input checked="" type="radio"/> | *(*(multi+3)+3)   |
| <input type="radio"/>            | *(multi+3)        |
| <input type="radio"/>            | None of the given |



Question # 30 of 30 ( Start time: 04:32:35 AM, 05 July 2020 )

```
What is output of following code?  
int data[10] = {10,20,30,40,50,60,70,80,90,100};  
int *xptr = &data[4];  
int *yptr = &data[6];  
cout<<xptr + yptr++;
```

Select the correct option

- |                                  |              |
|----------------------------------|--------------|
| <input type="radio"/>            | 110          |
| <input checked="" type="radio"/> | 120          |
| <input type="radio"/>            | 130          |
| <input type="radio"/>            | Syntax error |

Question # 2 of 30 ( Start time: 04:37:54 AM, 05 July 2020 )

Which of the following is not the subcategory of the system software?

Select the correct option

- |                                  |                   |
|----------------------------------|-------------------|
| <input type="radio"/>            | Operating system  |
| <input type="radio"/>            | Device drivers    |
| <input type="radio"/>            | Utilities         |
| <input checked="" type="radio"/> | None of the above |

Question # 3 of 30 ( Start time: 04:38:30 AM, 05 July 2020 )

We get  $12 | 8 =$  \_\_\_\_\_. Where "|" is (bit-wise OR)

Select the correct option

12

10

8

14

Question # 4 of 30 ( Start time: 04:38:43 AM, 05 July 2020 )

\_\_\_\_\_ is a substitute of multiple if statement.

Select the correct option

- |                                  |                      |
|----------------------------------|----------------------|
| <input checked="" type="radio"/> | If..elseif statement |
| <input type="radio"/>            | Continue statement   |
| <input type="radio"/>            | Break statement      |
| <input type="radio"/>            | Default statement    |

Question # 5 of 30 ( Start time: 04:39:02 AM, 05 July 2020 )

Find out the logical error in following lines of code.

```
If (x = 10)  
cout << "x is 10";
```

Select the correct option

- |                                  |   |
|----------------------------------|---|
| <input type="radio"/>            | 10 should be enclosed in quotations                   |
| <input type="radio"/>            | There is no semicolon at the end of if condition      |
| <input checked="" type="radio"/> | Assignment operator should not be used for comparison |
| <input type="radio"/>            | Variable x should not be inside parenthesis           |

Question # 6 of 30 ( Start time: 04:39:31 AM, 05 July 2020 )

Which is not true regarding structures?

Select the correct option

- |                                  |   |
|----------------------------------|---|
| <input type="radio"/>            | a) We can declare arrays of structure     |
| <input type="radio"/>            | b) We can take the size of structure      |
| <input checked="" type="radio"/> | c) We can't declare pointers to structure |
| <input type="radio"/>            | d) Both b & c                             |

Question # 7 of 30 ( Start time: 04:40:34 AM, 05 July 2020 )

\_\_\_\_\_ are used to compile the code.

Select the correct option

- |                                  |          |
|----------------------------------|----------|
| <input type="radio"/>            | Editors  |
| <input type="radio"/>            | Debugger |
| <input type="radio"/>            | Linker   |
| <input checked="" type="radio"/> | Compiler |

Question # 8 of 30 ( Start time: 04:40:45 AM, 05 July 2020 )

```
#include <iostream>
#include <cstring>
using namespace std;
int main ()
{
    char str1[10] = "Hello";
    char str2[10] = "World";
```

Select the correct option

- 5
- 10
- 11
- 15



Question # 9 of 30 ( Start time: 04:41:38 AM, 05 July 2020 )

A \_\_\_\_\_ structure specifies that an action is to be repeated while some condition remains true.

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Select the correct option

<input type="radio"/>	Control
<input type="radio"/>	Logical
<input checked="" type="radio"/>	Repetition
<input type="radio"/>	Relational

Question # 10 of 30 ( Start time: 04:42:02 AM, 05 July 2020 )

In which language the compiler of C language is written?

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Select the correct option

- |                                  |         |
|----------------------------------|---------|
| <input type="radio"/>            | Java    |
| <input type="radio"/>            | Fortran |
| <input type="radio"/>            | Basic   |
| <input checked="" type="radio"/> | C       |

Character strings are terminated by \_\_\_\_\_.

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Select the correct option

- |                                  |    |
|----------------------------------|----|
| <input checked="" type="radio"/> | \0 |
| <input type="radio"/>            | \o |
| <input type="radio"/>            | \n |
| <input type="radio"/>            | \t |

Question # 12 of 30 ( Start time: 04:42:28 AM, 05 July 2020 )

A function is a block of statements that can be defined once and used \_\_\_\_\_ in the program.

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Select the correct option

- |                                  |                             |
|----------------------------------|-----------------------------|
| <input type="radio"/>            | One time                    |
| <input type="radio"/>            | Two times                   |
| <input type="radio"/>            | Three times                 |
| <input checked="" type="radio"/> | As many times as user wants |

Question # 13 of 30 ( Start time: 04:42:39 AM, 05 July 2020 )

What will be the output of the following code?

```
string grade [3] = {"A", "B", "C"};  
grade[2] = "F";  
cout << grade[2];
```

Select the correct option

- |                                  |   |
|----------------------------------|---|
| <input type="radio"/>            | A |
| <input type="radio"/>            | B |
| <input type="radio"/>            | C |
| <input checked="" type="radio"/> | F |

Question # 14 of 30 ( Start time: 04:43:46 AM, 05 July 2020 )

\_\_\_\_\_ is used for output during the process of writing to the file.

Select the correct option

- seekg()
- tellg()
- seekp()
- tellp()

Question # 15 of 30 ( Start time: 04:44:22 AM, 05 July 2020 )

In case of two-dimensional array, if you add some number in a two-dimensional array name, it will jump to the next \_\_\_\_\_.

Select the correct option

- |                                  |           |
|----------------------------------|-----------|
| <input checked="" type="radio"/> | row       |
| <input type="radio"/>            | column    |
| <input type="radio"/>            | character |
| <input type="radio"/>            | array     |

Question # 16 of 30 ( Start time: 04:44:40 AM, 05 July 2020 )

In while loop the condition is checked \_\_\_\_\_ the execution of loop.

Select the correct option

- |                                  |             |
|----------------------------------|-------------|
| <input type="radio"/>            | After       |
| <input checked="" type="radio"/> | Before      |
| <input type="radio"/>            | During      |
| <input type="radio"/>            | At any time |



Question # 17 of 30 ( Start time: 04:45:22 AM, 05 July 2020 )

Array indexes start from \_\_\_\_\_.

Select the correct option

- |                                  |   |
|----------------------------------|---|
| <input checked="" type="radio"/> | 0 |
| <input type="radio"/>            | 1 |
| <input type="radio"/>            | 2 |
| <input type="radio"/>            | 3 |

Question # 19 of 30 ( Start time: 04:46:35 AM, 05 July 2020 )

Pointers store the \_\_\_\_\_.

Select the correct option

- |                                  |                     |
|----------------------------------|---------------------|
| <input type="radio"/>            | value of a variable |
| <input checked="" type="radio"/> | memory address      |
| <input type="radio"/>            | characters          |
| <input type="radio"/>            | None of the given   |



Question # 20 of 30 ( Start time: 04:46:41 AM, 05 July 2020 )

Which step is **not not** performed during a proper program design?

Select the correct option

- |                                  |  |
|----------------------------------|--|
| <input type="radio"/>            | Analyze a problem statement, typically expressed as a word problem |
| <input type="radio"/>            | Formulate statements and comments in a precise language            |
| <input checked="" type="radio"/> | Write details about the performance of program                     |
| <input type="radio"/>            | Pay attention to detail  |

Question # 22 of 30 ( Start time: 04:48:39 AM, 05 July 2020 )

What will be the correct syntax for declaration of the following statement?  
"ptr is a constant pointer to an integer"

Select the correct option

- |                                  |                                 |
|----------------------------------|---------------------------------|
| <input type="radio"/>            | <code>const * int myptr;</code> |
| <input type="radio"/>            | <code>const int *myptr;</code>  |
| <input type="radio"/>            | <code>int const *ptr;</code>    |
| <input checked="" type="radio"/> | <code>int *const ptr ;</code>   |

Question # 23 of 30 ( Start time: 04:49:44 AM, 05 July 2020 )

We can say that a pointer is a variable that holds the \_\_\_\_ address.

Select the correct option

- |                                  |             |
|----------------------------------|-------------|
| <input type="radio"/>            | byte code   |
| <input type="radio"/>            | source code |
| <input checked="" type="radio"/> | memory      |
| <input type="radio"/>            | compiler    |

Question # 24 of 30 ( Start time: 04:49:56 AM, 05 July 2020 )

When accessing a structure member, the identifier to the left of the dot operator is the name of \_\_\_\_\_.

Select the correct option

- |                                  |                    |
|----------------------------------|--------------------|
| <input checked="" type="radio"/> | Structure variable |
| <input type="radio"/>            | Structure member   |
| <input type="radio"/>            | Structure tag      |
| <input type="radio"/>            | Structure data     |

Question # 26 of 30 ( Start time: 04:52:02 AM, 05 July 2020 )

Suppose we have a file with name "myfile.txt". What will be the correct syntax of file opening for input?

Select the correct option

- |                                  |   |
|----------------------------------|---|
| <input checked="" type="radio"/> | <code>myFile.open("myfile.txt", ios::in);</code>    |
| <input type="radio"/>            | <code>myFile.in("myfile.txt", ios::open);</code>    |
| <input type="radio"/>            | <code>myFile.open("myfile.txt", ios::input);</code> |
| <input type="radio"/>            | <code>myFile.input("myfile.txt", ios::open);</code> |

Question # 27 of 30 ( Start time: 04:52:42 AM, 05 July 2020 )

What will be the value of the variable output in the given piece of code?

```
double output = 0;
```

```
output = (2 + 2) * 4 + 2 / (4 - 2);
```

Select the correct option

- |                                  |    |
|----------------------------------|----|
| <input type="radio"/>            | 15 |
| <input checked="" type="radio"/> | 17 |
| <input type="radio"/>            | 12 |
| <input type="radio"/>            | 11 |



suppose we have `int y[10];`  
To access the 4th element of the array we write \_\_\_\_\_

Select the correct option

- |                                  |                    |
|----------------------------------|--------------------|
| <input type="radio"/>            | <code>y[4];</code> |
| <input checked="" type="radio"/> | <code>y[3];</code> |
| <input type="radio"/>            | <code>y[2];</code> |
| <input type="radio"/>            | none of given      |

Which operator has the highest precedence?

(\*, -, /, +)

Select the correct option

- |                                  |   |
|----------------------------------|---|
| <input checked="" type="radio"/> | * and / both have the same highest precedence |
| <input type="radio"/>            | + and - both have the same highest precedence |
| <input type="radio"/>            | + has the highest precedence                  |
| <input type="radio"/>            | - has the highest precedence                  |

Question # 30 of 30 ( Start time: 04:55:03 AM, 05 July 2020 )

To read command-line arguments, the main() function itself must be given \_\_\_\_\_ arguments.

Select the correct option

- |                                  |   |
|----------------------------------|---|
| <input type="radio"/>            | 1 |
| <input checked="" type="radio"/> | 2 |
| <input type="radio"/>            | 3 |
| <input type="radio"/>            | 4 |

 Saving and

Question # 25 of 30 ( Start time: 04:51:19 AM, 05 July 2020 )

From the following; which one is the range of Random number generator function rand()?

Select the correct option

- |                                  |           |
|----------------------------------|-----------|
| <input type="radio"/>            | 0 - 32768 |
| <input type="radio"/>            | 1 - 32768 |
| <input checked="" type="radio"/> | 0 - 32767 |
| <input type="radio"/>            | 1 - 32767 |

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**BEST OF LUCK 😊**



