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## CS201 Midterm Grand Quiz 2020

CS201:Grand Quiz (Midterm Exam)

Question # 1 of 30 ( Start time: 01:04:56 AM, 05 July 2020 )

The ASCII code of null character is\_\_\_\_\_.

Select the correct option

<input checked="" type="radio"/>	000
<input type="radio"/>	010
<input type="radio"/>	111
<input type="radio"/>	110



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Question # 2 of 30 ( Start time: 01:05:32 AM, 05 July 2020 )

Which step is 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  |



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Question # 3 of 30 ( Start time: 01:06:06 AM, 05 July 2020 )

How many elements are stored in the following?  
int matrix [4][5];

Select the correct option

<input type="radio"/>	9
<input checked="" type="radio"/>	20
<input type="radio"/>	25
<input type="radio"/>	10



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Question # 4 of 30 ( Start time: 01:06:24 AM, 05 July 2020 )

Which of the following is not a valid variable name in C++?

Select the correct option

<input type="radio"/>	NameOfStudent
<input type="radio"/>	nameOfStudent
<input type="radio"/>	_studentName
<input checked="" type="radio"/>	@studentName



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Question # 5 of 30 ( Start time: 01:06:32 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



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Question # 6 of 30 ( Start time: 01:06:43 AM, 05 July 2020 )

< , <= , > , >= are called \_\_\_\_\_ operators.

Select the correct option

<input type="radio"/>	Arithmetic
<input type="radio"/>	Logical
<input checked="" type="checkbox"/>	Relational
<input type="radio"/>	Conational



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Question # 7 of 30 ( Start time: 01:06:50 AM, 05 July 2020 )

Why we use "cin"?

Select the correct option

- |                                  |                                 |
|----------------------------------|---------------------------------|
| <input type="radio"/>            | To send data to printer         |
| <input checked="" type="radio"/> | To read data from keyboard      |
| <input type="radio"/>            | To display message              |
| <input type="radio"/>            | To display output on the screen |



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Question # 8 of 30 ( Start time: 01:07:00 AM, 05 July 2020 )

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

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



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Question # 9 of 30 ( Start time: 01:07:21 AM, 05 July 2020 )

The data in the memory is \_\_\_\_\_.

Select the correct option

<input checked="" type="checkbox"/>	volatile
<input type="checkbox"/>	non-volatile
<input type="checkbox"/>	both
<input type="checkbox"/>	none



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Question # 10 of 30 ( Start time: 01:07:31 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



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Question # 11 of 30 ( Start time: 01:08:05 AM, 05 July 2020 )

What will be the output of the program if x = 10?

```
if(x != 0 && x <=10)
{
    cout << "Condition 1 is true ";
}
if(x >= 10 && x <= 20)
{
```

Select the correct option

<input type="radio"/>	Condition 1 is true
<input type="radio"/>	Condition 2 is true
<input type="radio"/>	Both conditions are false
<input checked="" type="radio"/>	Condition 1 is true Condition 2 is true



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Question # 12 of 30 ( Start time: 01:08:30 AM, 05 July 2020 )

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

Select the correct option

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



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Question # 13 of 30 ( Start time: 01:08:38 AM, 05 July 2020 )

A repetition statement specifies that an action is to be continued while some \_\_\_\_\_ remains true.

Select the correct option

<input checked="" type="checkbox"/>	Condition
<input type="checkbox"/>	Control
<input type="checkbox"/>	Operator
<input type="checkbox"/>	Asignment



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Question # 14 of 30 ( Start time: 01:08:48 AM, 05 July 2020 )

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

Select the correct option

<input checked="" type="checkbox"/>	If..elseif statement
<input type="checkbox"/>	Continue statement
<input type="checkbox"/>	Break statement
<input type="checkbox"/>	Default statement



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Question # 15 of 30 ( Start time: 01:08:59 AM, 05 July 2020 )

If a \_\_\_\_\_ finds an error, it stops translating without generating any executable code.

Select the correct option

<input type="radio"/>	Linker
<input type="radio"/>	Loader
<input checked="" type="radio"/>	Compiler
<input type="radio"/>	Interpreter



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Question # 16 of 30 ( Start time: 01:09:12 AM, 05 July 2020 )

Function prototype is written,

Select the correct option

<input type="radio"/>	Within main function
<input type="radio"/>	After the return statement in main
<input type="radio"/>	Before the return statement in main
<input checked="" type="radio"/>	Before call of that function



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Question # 17 of 30 ( Start time: 01:09:38 AM, 05 July 2020 )

The \_\_\_\_\_ is an unconditional branch of execution.

Select the correct option

<input type="radio"/>	Switch statement
<input type="radio"/>	Continue statement
<input checked="" type="radio"/>	Goto statement
<input type="radio"/>	Default statement



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Question # 18 of 30 ( Start time: 01:09:49 AM, 05 July 2020 )

What will be the output of the following code snippet?

```
string str1 = "Hello beautiful";  
string str2 = "Yes we can";  
string str3 = strcpy(str1,str2);  
cout<< str3 <<endl;
```

Select the correct option

<input type="radio"/>	Hello beautiful
<input type="radio"/>	Yes we can
<input checked="" type="radio"/>	Hello beautiful Yes we can
<input type="radio"/>	Yes we can Hello beautiful



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Question # 20 of 30 ( Start time: 01:10:25 AM, 05 July 2020 )

In two-dimensional array, we use \_\_\_\_\_ 'for loop(s)' to populate the array.

Select the correct option

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



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Question # 21 of 30 ( Start time: 01:10:37 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



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Question # 22 of 30 ( Start time: 01:10:47 AM, 05 July 2020 )

How many times the following loop will execute?

```
int j = 3;
while(j > 0)
{
    cout << "Statements" << endl;
    j -= 2;
}
```

Select the correct option

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



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Question # 23 of 30 ( **Start time: 01:11:16 AM, 05 July 2020** )

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

Select the correct option

<input type="radio"/>	start
<input checked="" type="radio"/>	end
<input type="radio"/>	begin
<input type="radio"/>	middle



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Question # 24 of 30 ( Start time: 01:11:24 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



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Question # 25 of 30 ( Start time: 01:11:49 AM, 05 July 2020 )

How many bytes an integer type pointer `intPtr` will jump in memory if the statement below is executed?  
`intPtr += 2;`

Select the correct option

<input type="radio"/>	2
<input checked="" type="radio"/>	4
<input type="radio"/>	8
<input type="radio"/>	12



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Question # 26 of 30 ( Start time: 01:12:51 AM, 05 July 2020 )

We must include the header file \_\_\_\_\_ to convert the value of one type into another type using built-in functions.

Select the correct option

<input type="radio"/>	conio.h
<input type="radio"/>	stdlib.h
<input type="radio"/>	string.h
<input checked="" type="radio"/>	iostream.h



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Question # 27 of 30 ( Start time: 01:13:52 AM, 05 July 2020 )

Use of word processor for writing the code of a program is not good because:

Select the correct option



It has less features for writing code of a program



It is not good for memory



It has no compiler



None of the above



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Question # 28 of 30 ( Start time: 01:14:21 AM, 05 July 2020 )

\_\_\_\_\_ Loop executes atleast one times.

Select the correct option

- Do while
- While
- For
- Inner



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Question # 29 of 30 ( Start time: 01:14:27 AM, 05 July 2020 )

The data, contained in the structure, is defined in the \_\_\_\_\_.

Select the correct option

<input checked="" type="checkbox"/>	curly braces
<input type="checkbox"/>	parenthesis
<input type="checkbox"/>	inverted commas
<input type="checkbox"/>	none



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Question # 30 of 30 ( Start time: 01:14:49 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 |



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