

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



tellg()



seekg()



tellp()



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

☐	1-Dimensional
☐	2-Dimensional
☒	3-Dimensional
☐	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

☐	x is less than 3
☐	x is greater than or equal to 3
☒	x is greater than 3
☐	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

- | | |
|----------------------------------|---------------------|
| ☒ | void functionName |
| ☐ | int functionName; |
| ☐ | functionName void |
| ☐ | void (functionName) |

Question # 6 of 30 (Start time: 02:17:49 AM, 03 July 2020)

ofstream is used for _____

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Select the correct option

☐	Input file stream
☒	Output file stream
☐	Input and output file stream
☐	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

☐

2

☐

-1

☒

0

☐

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



int count[19];



int count[20];



float count[20];



int count[21];

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

☐	integer
☒	int
☐	character
☐	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

☐	BCPL
☐	B
☒	BCPL and B
☐	none of the above

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

- | | |
|----------------------------------|------------|
| ☐ | Stream |
| ☐ | Filepos |
| ☒ | Streampos |
| ☐ | 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

☒	High level
☐	Low level
☐	Machine
☐	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



Inside the loop.



Before entering the loop.



After the loop.



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

☒	mango
☐	mango any fruit
☐	apple
☐	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.

Select the correct option



New line



Blank space



Null



E

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

☒	
☐	
☐	
☐	

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



11



3



2



0

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

A variable of character data type occupies _____ bytes in memory.

Select the correct option

☒

1

☐

2

☐

4

☐

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

☐ /0

☒ \0

☐ ln

☐ \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

☐	1.
☒	2.
☐	3.
☐	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

☐	int
☒	float
☐	char
☐	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

☒	byte
☐	integer
☐	string
☐	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

- | | |
|----------------------------------|----------------------------|
| ☐ | Add 1 two times in X value |
| ☒ | Add 1 in X value |
| ☐ | Add 2 in X value |
| ☐ | 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

- | | |
|----------------------------------|---|
| ☐ | transfers to its Prototype |
| ☒ | transfers to its definition |
| ☐ | returns to statement following function call |
| ☐ | 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.

☒ 1 Byte

☐ 2 Bytes

☐ 4 Bytes

☐ 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



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



char country[12];



char country[11];



char [12] country;



char country[0-11];

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];`

Select the correct option

- | | |
|----------------------------------|----|
| ☐ | 3 |
| ☒ | 2 |
| ☐ | 32 |
| ☐ | 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

☒

2

☐

2.1

☐

2.06

☐

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



From the functions only



From the loops only



From the main() function only



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

☒	Linker
☐	Loader
☐	Compiler
☐	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

☒	byte
☐	integer
☐	string
☐	None of the given

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

Which is not true regarding structures?

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

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

☐	Grammatically incorrect
☒	Grammatically correct but illogical
☐	Illogical and grammatically incorrect
☐	Logical and grammatically correct

will explain the function of a program.

Select the correct option

☒	Comments
☐	Debugger
☐	Compiler
☐	Linker

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

char **argv can be read as

Select the correct option



pointer to pointer



pointer to char



pointer to pointer to char



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

☒	Ali
☐	Bilal
☐	Omer
☐	Ayesha

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

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Select the correct option

- | | |
|----------------------------------|------------------------------|
| ☐ | x is greater than 3 |
| ☐ | x is less than or equal to 3 |
| ☒ | x is less than 3 |
| ☐ | 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

☒	Return Type
☐	Function data
☐	Function arguments
☐	Function name

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

☒ Either $((a + b) == 10)$ OR $((x + y) == 20)$ is true

☐ Both $((a + b) == 10)$ AND $((x + y) == 20)$ are true

☐ $((a + b) == 10)$ is true

☐ $((x + y) == 20)$ 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

☒	long	1/1
☐	int	1/1
☐	short	1/1
☐	double	1/1

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

= operator is used for _____

Select the correct option

- | | |
|----------------------------------|-------------------------------|
| ☐ | Decision making |
| ☒ | Assigning values to variables |
| ☐ | Checking equality |
| ☐ | 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

- | | |
|----------------------------------|--------------------------------------|
| ☐ | To open a file in input mode |
| ☐ | To open a file in output mode |
| ☐ | To truncate an existing file to half |
| ☒ | To truncate an existing file to zero |

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

Select the correct option



Add 1 two times in X value



Add 1 in X value



Add 2 in X value



None of these

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

Structures use _____ allocation.

Select the correct option

☐ Queue

☒ Heap

☐ Cache

☐ Stack

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

☐	I am student of BSCS,
☐	I am student of BSIT.
☒	I am student of BSIT. I am student of BSCS.
☐	I am student of BSCS, 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

- | | |
|----------------------------------|---|
| ☐ | 5 |
| ☒ | 6 |
| ☐ | 4 |
| ☐ | 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

☐	Char
☒	String
☐	Multidimensional array
☐	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



if



goto



break



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



19



20



21



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

☐ 5.5

☐ 5.6

☒ 5

☐ 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



A



B



C



F

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

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

Select the correct option



BCPL



B



BCPL and B



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.

☒ `int arr[3][5];`

☐ `int arr {5}{3};`

☐ `int [3][5] arr;`

☐ `int [5][3 arr];`

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

$a = a + 1$; can be written as

Select the correct option



$a + 1$;



$a += 1$;



$a + a + 1$;



$1 + a = a$;

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

A record is a group of related

Select the correct option



Data



Fields



Bytes



Files

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

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

Select the correct option

- | | |
|----------------------------------|--------------------|
| ☒ | mango |
| ☐ | mango
any fruit |
| ☐ | apple |
| ☐ | 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

☒	byte
☐	integer
☐	string
☐	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



10



40.5



42



41

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



if



else



if/else



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

☒	0 - 49
☐	1 - 49
☐	0 - 50
☐	1 - 50

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

If `int a = 50;` then the value of `a/= 3;` will be.

Select the correct option

☐ 15

☐ 18

☒ 16

☐ 17

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

- | | |
|----------------------------------|--|
| ☐ | Different types of elements can store in an array. |
| ☒ | Only one type of elements can store in an array. |
| ☐ | Elements in an array cannot be sorted. |
| ☐ | 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.

Select the correct option

☒	rows
☐	value
☐	column
☐	None of the given

```
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

- | | |
|----------------------------------|--|
| ☐ | I am student of BSCS. |
| ☐ | I am student of BSIT. |
| ☒ | I am student of BSIT.
I am student of BSCS. |
| ☐ | I am student of BSCS.
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



int isalpha(int c)



int isalnum(int c)



int isxdigit(int c)



int isdigit(int c)

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:

- | | |
|----------------------------------|------------|
| ☐ | ios::in |
| ☐ | ios::out |
| ☐ | ios::app |
| ☒ | ios::trunc |

In which language the compiler of C language is written?

Select the correct option



Java



Fortran



Basic



C

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

While loop executes at least,

Select the correct option

☐	Zero time
☒	One time
☐	N Time
☐	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

☒	char
☐	int
☐	double
☐	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

☐

=

☐

==

☐

*=

☒

==

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

NOT operator is a _____

Select the correct option

- | | |
|----------------------------------|-----------------------|
| ☒ | Single input operator |
| ☐ | Binary operator |
| ☐ | Ternary operator |
| ☐ | None of the given |

Pointer points to a particular _____

Select the correct option

- | | |
|----------------------------------|----------------|
| ☐ | Value |
| ☐ | variable |
| ☐ | data type |
| ☒ | memory address |

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

Select the correct option :

☐	One time
☐	Two times
☐	Three times
☒	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



str()



str_len()



strlength()



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

☐	Less than or equal
☐	Greater than or equal
☒	Not equal
☐	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



int count[19];



int count[20];



float count[20];



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

☐	Static
☐	Integer
☒	Local
☐	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



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



file is deleted



we can write in this file



content of file discarded



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



After



Before



With



At the end of

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

Select the correct option



While



Do-While



For



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

☒

Positive

☐

Negative

☐

Absolute

☐

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.

☐ Interpreter

☐ Debugger

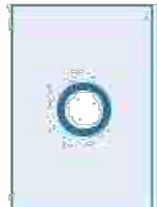
☐ Linker

☒ 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



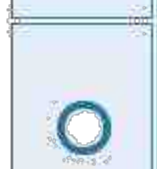
||



^



&



~

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

RAID stands for

Select the correct option

- | | |
|----------------------------------|---|
| ☐ | Redundant Array of Inexpensive Dices |
| ☒ | Redundant Array of Inexperience Devices |
| ☐ | Redundant Array of Inexpensive Devices |
| ☐ | 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

☒ 0

☐ 1

☐ 2

☐ 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

☐	Name
☐	Data type
☐	Value
☒	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



New line



Blank space



Null



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



4



5



6



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

☐	Constant
☒	Variable
☐	Cell
☐	Number

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

Select the correct option



str()



str_len()



strlen()



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

☐	read the file
☐	write in some file
☐	read and write in the same file
☒	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



tellp()



tellg()



seekg()



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

☐	tellg()	1/4
☐	seekg()	1/4
☐	seekp()	1/4
☒	tellp()	1/4

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



```
structure student(  
//variables  
);
```



```
struct student(  
//variables  
);
```



```
structure student{  
//variables  
}
```



```
struct student{  
//variables  
};
```

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

< and > both are _____ operators.

Select the correct option

☐	Arithmetic
☐	Relational
☒	Logical
☐	Mathematical

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

Structures use _____ allocation.

Select the correct option

☐ Queue

☒ Heap

☐ Cache

☐ 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

- | | |
|----------------------------------|-------------------------------------|
| ☐ | Condition is always true |
| ☒ | Condition is always false |
| ☐ | & will be used instead of && |
| ☐ | && cannot be used with if condition |

NOT operator is a _____

Select the correct option

☒	Single input operator
☐	Binary operator
☐	Ternary operator
☐	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

- | | |
|----------------------------------|------------------------------|
| ☒ | referencing, dereferencing |
| ☐ | dereferencing, referencing |
| ☐ | referencing, referencing |
| ☐ | 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

☒ Linux

☐ Unix

☐ Windows

☐ 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

☒

4

☐

2

☐

4.5

☐

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

- | | |
|----------------------------------|-----------------------------|
| ☐ | <code>int const* ptr</code> |
| ☐ | <code>int* const ptr</code> |
| ☒ | <code>const int* ptr</code> |
| ☐ | <code>const* int ptr</code> |

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

= operator is used for _____

Select the correct option

- | | |
|----------------------------------|-------------------------------|
| ☐ | Decision making |
| ☒ | Assigning values to variables |
| ☐ | Checking equality |
| ☐ | 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

☐ 25

☐ 22

☐ 52

☒ 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



iostream.h



stdio.h



fstream.h



io manip.h

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

Select the correct option



char



int



void



double

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

Pointers store the

Select the correct option



value of a variable



memory address



characters



None of the given

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

Structures use _____ allocation.

Select the correct option

☐ Queue

☒ Heap

☐ Cache

☐ Stack

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

operator uses the sign ^.

Select the correct option



Bit-wise OR



Exclusive OR



AND Operator



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

- | | |
|----------------------------------|------------------------|
| ☐ | referencing operator |
| ☒ | dereferencing operator |
| ☐ | binary operator |
| ☐ | 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

☒	High level
☐	Low level
☐	Machine
☐	Fourth Generation

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.

- | | |
|----------------------------------|--------------|
| ☐ | Designing |
| ☐ | Implementing |
| ☒ | Programming |
| ☐ | 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

☐ /0

☒ \0

☐ ln

☐ lf

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

☐	int
☒	float
☐	char
☐	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

☒ byte

☐ integer

☐ string

☐ 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

☒	Machine
☐	Source code
☐	Java
☐	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.

☐	Name of the array
☐	Type of data stored in the array
☒	The location of the first element to be stored
☐	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

☐ Start

☒ End

☐ Middle

☐ 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

☐ 2

☐ 1.5

☒ 1

☐ 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

☐	When both exp1 and exp2 are false
☒	When both exp1 and exp2 are true
☐	When exp1 is true and exp2 is false
☐	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



** (multi+3)+3



* (* (multi+3)+3)



* (multi+3)



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

☐ 110

☒ 120

☐ 130

☐ 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

- | | |
|----------------------------------|-------------------|
| ☐ | Operating system |
| ☐ | Device drivers |
| ☐ | Utilities |
| ☒ | 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.



If..elseif statement



Continue statement



Break statement



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

- | | |
|----------------------------------|---|
| ☐ | 10 should be enclosed in quotations |
| ☐ | There is no semicolon at the end of if condition |
| ☒ | Assignment operator should not be used for comparison |
| ☐ | 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.



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

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

are used to compile the code

Select the correct option



Editors



Debugger



Linker



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

☐	Control
☐	Logical
☒	Repetition
☐	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

☐ Java

☐ Fortran

☐ Basic

☐ C

Character strings are terminated by _____

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Select the correct option

☒	10
☐	1o
☐	ln
☐	It

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

☐	One time
☐	Two times
☐	Three times
☒	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

☐

A

☐

B

☐

C

☒

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.

☒ row

☐ column

☐ character

☐ 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

- | | |
|----------------------------------|-------------|
| ☐ | After |
| ☒ | Before |
| ☐ | During |
| ☐ | At any time |

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

Array indexes start from _____

Select the correct option

☒

0

☐

1

☐

2

☐

3

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

Pointers store the _____

Select the correct option

- | | |
|----------------------------------|---------------------|
| ☐ | value of a variable |
| ☒ | memory address |
| ☐ | characters |
| ☐ | 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



Analyze a problem statement, typically expressed as a word problem



Formulate statements and comments in a precise language



Write details about the performance of program



Pay attention to detail

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

Select the correct option

☐	<code>const *int myptr;</code>
☐	<code>const int *myptr;</code>
☐	<code>int const *ptr;</code>
☒	<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

☐	byte code
☐	source code
☒	memory
☐	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

- | | |
|----------------------------------|--------------------|
| ☒ | Structure variable |
| ☐ | Structure member |
| ☐ | Structure tag |
| ☐ | 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

- | | |
|----------------------------------|---|
| ☒ | <code>myFile.open("myfile.txt", ios::in);</code> |
| ☐ | <code>myFile.in("myfile.txt", ios::open);</code> |
| ☐ | <code>myFile.open("myfile.txt", ios::input);</code> |
| ☐ | <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



15



17



12



11

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

Select the correct option



y[4];



y[3];



y[2];



none of given

Which operator has the highest precedence?

$(, -, /, +)$

Select the correct option



$*$ and $/$ both have the same highest precedence



$+$ and $-$ both have the same highest precedence



$+$ has the highest precedence



$-$ 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

- | | |
|----------------------------------|---|
| ☐ | 1 |
| ☒ | 2 |
| ☐ | 3 |
| ☐ | 4 |

 Saving and

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

Select the correct option



0 - 32768



1 - 32768



0 - 32767



1 - 32767

CORRECT ANSWER SOLVED BY HADI(LHR)
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BEST OF LUCK 😊



