Quiz Master

CS201(LECT 31 TO 38)

Rizwan Qadeer

All mcqs are 100% correct. For any type of help(specially related to CS619 project) you can contact me. I will quide you properly.

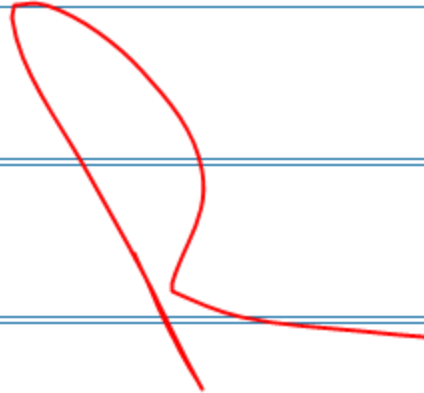For more information about **CS619** you can visit my Youtube channel:

https://www.youtube.com/channel/UCINsFwDiB62SValCcPDZbRQ/playlists

Question # 1 of 10 (Start time: 08:42:37 AM, 25 August 2020)

_____ variables are those that are defined outside of main.

Select the correct option

Local

Dynamic

● Global

Static

Question # 2 of 10 (Start time: 08:43:01 AM, 25 August 2020)   Total Marks:

Within the statement obj1=obj2; obj1 will call the assignment operator function and obj2 will be passed as an argument to function.

Select the correct option

True

False

Question # 3 of 10 (Start time: 08:43:22 AM, 25 August 2020)

When the compiler overload the assignment (=) operator by default then

Select the correct option

○	Class members are not assigned properly
○	Compiler does not allow default assignment operator
⦿	Compiler does member wise assignment.
○	None of the above

Question # 4 of 10 (Start time: 08:43:44 AM, 25 August 2020)   Total Mark

It is possible to return an object from function using this pointer.

Select the correct option

⦿ True

◯ False

Question # 5 of 10 (Start time: 08:44:09 AM, 25 August 2020)   Total Marks:

Overloaded assignment operator must be
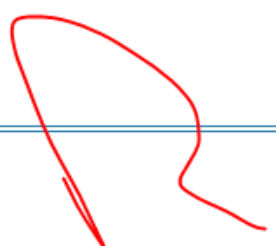
Select the correct option

◉ Member function of class

○ Non-member function of class

○ Friend function of class

○ Global function

Question # 6 of 10 (Start time: 08:44:31 AM, 25 August 2020)   **Total**

Let suppose
  int a, b, c, d, e;
  a = b = c = d = e = 42;
This can be interpreted by the complier as

Select the correct option

- ○ (a = b = (c = (d = (e = 42))));

- ● a = (b = (c = (d = (e = 42))));

- ○ a = b = (c = (d = (e = 42)));

- ○ (a = b) = (c = d) = (e = 42);

Question # 7 of 10 (Start time: 08:45:06 AM, 25 August 2020)   Total M

In statement a+b+c, at first

Select the correct option

○ a+b is executed first

◉ b+c is executed first

○ All executed at the same time

○ None of above

Question # 8 of 10 (Start time: 08:45:35 AM, 25 August 2020)   Tot

_____ operators are the ones that require two operands on both sides of the operator.

Select the correct option

○ Double

○ Tow sided

◉ Binary

○ None of the given options

Question # 9 of 10 (Start time: 08:46:06 AM, 25 August 2020)

Suppose int i = 10; then what is the output of cout<< oct<<i;

Select the correct option

- ○ 10

- ○ 11

- ● 12

- ○ 13

Question # 10 of 10 (Start time: 08:46:36 AM, 25 August 2020)

ostream is a _____ operator.

Select the correct option

- ○ dependent

- ○ member

- ● standalone

- ○ none

2ⁿᵈ account

Question # 1 of 10 (Start time: 08:48:52 AM, 25 August 2020)   **Total Mar**

_____ must be included to use stream manipulator in your code.
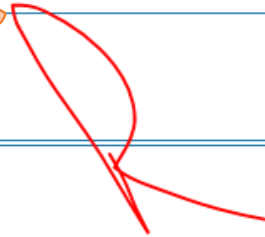
Select the correct option

○ conio.h

○ iostream

○ stdlib.h

◉ iomanip

Question # 2 of 10 (Start time: 08:49:18 AM, 25 August 2020)   Tota

_____ operators are the ones that require only one operator to work.

Select the correct option

○	Unit
●	Unary
○	Single
○	None of the given options.

Question # 3 of 10 (Start time: 08:49:47 AM, 25 August 2020)

The endl and flush are _____

Select the correct option

○	Functions
○	Operators
◉	Manipulators
○	Objects

Question # 4 of 10 (Start time: 08:50:08 AM, 25 August 2020)   Tot

When operator function is implemented as member function then return type of function _____.

Select the correct option

○ Must be an object of same class

○ Must be user-defined data type

○ Must be built-in data type

◉ Can be any data type

Question # 5 of 10 (Start time: 08:50:25 AM, 25 August 2020)

Total M

Let suppose
 int a, b, c, d, e;
 a = b = c = d = e = 42;
This can be interpreted by the complier as

Select the correct option

○ (a = b = (c = (d = (e = 42))));

● a = (b = (c = (d = (e = 42))));

○ a = b = (c = (d = (e = 42)));

○ (a = b) = (c = d) = (e = 42);

Question # 6 of 10 (Start time: 08:50:43 AM, 25 August 2020)   Total Marks:

When a variable is defined as static in a class then _____.

Select the correct option

○ Separate copy of this variable is created for each object

◉ Only one copy is created for all objects of this class

○ A copy of this variable is created for only static objects.

○ None of the given options

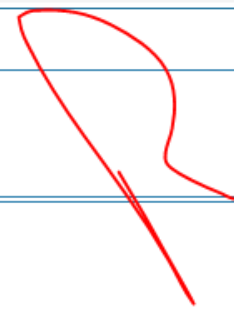Question # 7 of 10 (Start time: 08:51:05 AM, 25 August 2020)   Total Mark

Automatic variable are created on _____.

Select the correct option

○ Heap

○ Free store

○ static storage

◉ stack

Question # 8 of 10 (Start time: 08:51:56 AM, 25 August 2020)

```
cout << i << " ";
cout << d << " ";
cout << f;

Above statements can be written within statement of one line as
```

Select the correct option

- ○ cout << i << " " << d " " << f <<;

- ○ cout << i << << d << << f <<;

- ◉ cout << i << " " << d << " " << f;

- ○ cout << i << " " << d << " " f <<;

Question # 9 of 10 (Start time: 08:52:30 AM, 25 August 2020)   T

dec, hex, oct are all _____

Select the correct option

○ Member functions

○ Objects of input/output streams

○ Parameterized manipulators

◉ Non-parameterized manipulators

Question # 10 of 10 (Start time: 08:52:56 AM, 25 August 2020)   **To**

Suppose int i = 10; then what is the output of cout<< oct<<i;

Select the correct option

- ○ 10
- ○ 11
- ● 12
- ○ 13

3ʳᵈ account

Question # 1 of 10 (Start time: 08:57:45 AM, 25 August 2020)

What will be the output of following statement?
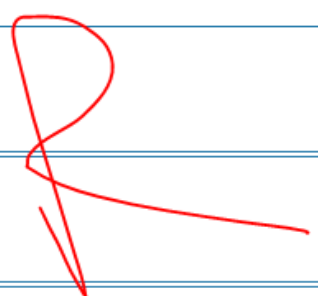cout << setfill('0') << setw(7) << 128 ;

Select the correct option

○ 0128128

◉ 0000128

○ 1280000

○ 0012800

Question # 2 of 10 (Start time: 08:58:06 AM, 25 August 2020)

Total Marks:

Which of the following syntax is best used to delete an array of 5 objects named 'string' allocated using new operator.

Select the correct option

○ delete string ;

◉ delete []string ;

○ delete string[] ;

○ delete string[5] ;

Question # 3 of 10 (Start time: 08:58:56 AM, 25 August 2020)   **Total Marks:**

If we have a program that writes the output data(numbers) to the disc ,and if we collect the output data and write it on the disc in one write operation instead of writing the numbers one by one.
In the above situation the area where we will gather the number is called

Select the correct option

○ Heap

○ Stack

● Buffer

○ Cache

Question # 4 of 10 (Start time: 08:59:17 AM, 25 August 2020)   **Total M**

The first parameter of operator function for << operator _____.

Select the correct option

○ Must be passed by value

◉ Must be passed by reference

○ Can be passed by value or reference

○ Must be object of class

Question # 5 of 10 (Start time: 08:59:42 AM, 25 August 2020)

The second parameter of operator function for >> operator must always be passed

Select the correct option

⊙ By reference

○ Function takes no argument

○ By value

○ None of the given options

Question # 6 of 10 (Start time: 09:00:10 AM, 25 August 2020)   Total

The only operator that the compiler overloads for user define data type by default is

Select the correct option

○ Plus (+) operator

○ Minus (-) operator

◉ Assignment (=) operator

○ Equal (==) operator

Consider the following code, the printed value will be converted into:
```
int n=10;
cout<<oct<<n;
```

Select the correct option

- ● Base 8
- ○ Base 2
- ○ Base 10
- ○ Decimal number system

Question # 8 of 10 (Start time: 09:01:04 AM, 25 August 2020)

_____ variables are defined in the main.

Select the correct option

	Global
O	

	Dynamic
O	

	Local
⦿	

	All
O	

Question # 9 of 10 (Start time: 09:01:34 AM, 25 August 2020)   Total Mar

ostream class is _____ and not under our control.

Select the correct option

○	user-defined
●	built-in
○	both
○	none

Question # 10 of 10 (Start time: 09:01:56 AM, 25 August 2020)   **To**

_____ variables are those that are defined outside of main.

Select the correct option

- ⭘ Local
- ⭘ Dynamic
- 🔘 Global
- ⭘ Static

4ᵗʰ account

Question # 1 of 10 (Start time: 11:22:39 AM, 25 August 2020)

dec, hex, oct are all _____

Select the correct option

○ Member functions

○ Objects of input/output streams

○ Parameterized manipulators

● Non-parameterized manipulators

Question # 2 of 10 (Start time: 11:22:59 AM, 25 August 2020)   Total Mark

We cannot define friends for the _____ that are already written and not in our control.

Select the correct option

	functions
○	

	classes
●	

	constructors
○	

	destructors
○	

Question # 3 of 10 (Start time: 11:23:32 AM, 25 August 2020)   **Total M**

Consider the following code, the printed value will be converted into:
```
int n=10;
cout<<oct<<n;
```

Select the correct option

◉	Base 8
○	Base 2
○	Base 10
○	Decimal number system

Question # 4 of 10 (Start time: 11:23:56 AM, 25 August 2020)   Tot

Automatic variable are created on _____.

Select the correct option

○ Heap

○ Free store

○ static storage

◉ stack

Question # 5 of 10 (Start time: 11:24:15 AM, 25 August 2020)   **Total Marks: 1**

Which of the following syntax is best used to delete an array of 5 objects named 'string' allocated using new operator.

Select the correct option

○ delete string ;

○ delete []string ;

⦿ delete string[] ;

○ delete string[5] ;

Question # 6 of 10 (Start time: 11:24:34 AM, 25 August 2020)   Total Marks: 1

When new operator is overloaded at global level then corresponding built-in new operator will also be visible to whole of the program.

Select the correct option

○ True

⬤ False

Question # 7 of 10 (Start time: 11:24:54 AM, 25 August 2020)   Total Marks

endl is a parameter-less _____manipulator that inserts the new line besides flushing the buffer.

Select the correct option

- ● built-in

- ○ user-defined

- ○ both

- ○ none

Question # 8 of 10 (Start time: 11:25:15 AM, 25 August 2020)　　　　　**Total Ma**

Overloaded assignment operator must be

Select the correct option

	Member function of class
●	
	Non-member function of class
○	
	Friend function of class
○	
	Global function
○	

Question # 9 of 10 (Start time: 11:25:36 AM, 25 August 2020)

Assignment operator is used to initialize a newly declared object from existing object.

Select the correct option

True
○

False
◉

Question # 10 of 10 (Start time: 11:25:56 AM, 25 August 2020)

The stream insertion and extraction operators are not already overloaded for _____

Select the correct option

○	Built-in data types
⦿	User-defined data types
○	Both built-in and user-defined types
○	None of the given options

5ᵗʰ account

Question # 1 of 10 (Start time: 11:28:14 AM, 25 August 2020)   To

If text is a pointer of type String then what will be the functionality of following statement?

text = new String [5];

Select the correct option

○ Creates array of 5 objects statically

◉ Creates array of 5 objects dynamically

○ Creates array of pointers to string

○ Creates a string Object

Question # 2 of 10 (Start time: 11:28:42 AM, 25 August 2020)   To

If operator function is non-member function then object on left side of operator cannot be

Select the correct option

○	Object of operator class
○	Object of different class
○	Built-in data type
●	Object of member function

Question # 3 of 10 (Start time: 11:29:03 AM, 25 August 2020)   Tota

Consider the following code, the printed value will be converted into:
```
int n=10;
cout<<oct<<n;
```

Select the correct option

●	Base 8
○	Base 2
○	Base 10
○	Decimal number system

Question # 4 of 10 (Start time: 11:29:14 AM, 25 August 2020)

Automatic variable are created on _____.

Select the correct option

○ Heap

○ Free store

○ static storage

● stack

Let suppose
a = b = c
In such situation, it is necessary to return a reference of an object from assignment operator function.

Select the correct option

- ◉ True

- ○ False

Question # 6 of 10 (Start time: 11:29:53 AM, 25 August 2020)   Total Marks: 1

The first parameter of operator function for << operator _____.

Select the correct option

○ Must be passed by value

● Must be passed by reference

○ Can be passed by value or reference

○ Must be object of class

Question # 7 of 10 (Start time: 11:30:20 AM, 25 August 2020)

_____ operators are the ones that require only one operator to work.

Select the correct option

Unit

○

Unary

◉

Single

○

None of the given options.

○

Question # 8 of 10 (Start time: 11:30:34 AM, 25 August 2020)   Total Marks

Which of the following functionality can be achieved through overloading?

Select the correct option

○ We can change the precedence of some operators.

○ We can change associativity of all operators.

◉ New operators cannot be defined through operator overloading.

○ We can change the associativity of some operators.

Question # 9 of 10 (Start time: 11:30:55 AM, 25 August 2020)   Tot

Which of the following concept is NOT associated with stream?

Select the correct option

○ Source

◉ Template

○ Destination

○ State

Question # 10 of 10 (Start time: 11:31:17 AM, 25 August 2020)   To

In overloading the assignment (=) operator, which object(s) will call the operator function?

Select the correct option

- ● Left object of the assignment operator

- ○ Right object of the assignment operator

- ○ Both objects will call the operator function

- ○ No object will call the operator function