Cs304 Quiz(100% CORRECT)

Solved by Rizwan Qadeer (Riz Mughal)
Youtube link:

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

CS304:Quiz No. 1

Question # 1 of 10 (Start time: 11:34:57 AM, 17 August 2020)

Which line will produce error.
Class phone: private Transmit, private Receiver
{
}

1. int main()
2. {

Select the correct option

○	3rd line will produce error
○	4th line will produce error
○	3rd and 4th line will produce error.
⦿	5th line will produce error

Question # 2 of 10 (Start time: 11:35:25 AM, 17 August 2020)

We can have _____ type of member functions in a class.

Select the correct option

- ○ Public
- ○ Private
- ○ Protected
- ◉ All of these options

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Question # 3 of 10 (Start time: 11:35:43 AM, 17 August 2020)

Which of the following is NOT casting operator in C++ standard?

Select the correct option

○	static_cast
●	var_cast
○	dynamic_cast
○	reinterpret_cast

Question # 4 of 10 (Start time: 11:36:03 AM, 17 August 2020)

Which of the following types of Inheritance is used to model "Implemented in terms of" relationship?

Select the correct option

O   Public

●   Private

O   Protected

O   Confidential

Question # 5 of 10 (Start time: 11:36:24 AM, 17 August 2020)

In case of protected inheritance, public members of base class will be _____ in derived class?

Select the correct option

○ private

○ public

◉ protected

○ hidden

Question # 6 of 10 (Start time: 11:36:43 AM, 17 August 2020)

In c++ by default access of classes is _____.

Select the correct option

⦿	Private
○	Protected
○	Public
○	None of these options

Question # 7 of 10 (Start time: 11:37:00 AM, 17 August 2020)

```
Consider the code below,
class class1{
public:
int i;
};
class class2 : protected class1 {
};
```

Select the correct option

O	public
●	protected
O	private
O	none of the given options

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Question # 8 of 10 (Start time: 11:37:17 AM, 17 August 2020)   **Total Marks: 1**

6.   If there is a pointer, p, to objects of a base class, and it contains the address of an object of a derived class, and both classes contain a virtual member function, ding(), then the statement p->ding(); will cause the version of ding() in the _____ class to be executed.

Select the correct option

○ base

● derived

○ virtual

○ implemented

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Question # 9 of 10 (Start time: 11:37:37 AM, 17 August 2020)   **Total Marks:**

Suppose we have defined derived class copy constructor but have not defined base class copy constructor then compiler will,

Select the correct option

- ⦿ Use base class default constructor

- ◯ Generate base class copy constructor itself

- ◯ Use base class assignment operator

- ◯ None of these options is correct

Question # 10 of 10 (Start time: 11:37:57 AM, 17 August 2020)

In case of private inheritance, private members of base class will be _____ in derived class?

Select the correct option

- ○ private
- ○ public
- ○ protected
- ● hidden

2ⁿᵈ account

Question # 1 of 10 (Start time: 11:55:55 AM, 17 August 2020)

A template argument is preceded by the keyword _____.

Select the correct option

○ vector

◉ class

○ template

○ type*

Question # 2 of 10 (Start time: 11:56:18 AM, 17 August 2020)

_____ Binding means that target function for a call is selected at compile time.

Select the correct option

- ◉ Static
- ○ Dynamic
- ○ Automatic
- ○ None of given

Question # 3 of 10 (Start time: 11:56:37 AM, 17 August 2020)

We can have _____ type of member functions in a class.

Select the correct option

○ Public

○ Private

○ Protected

● All of these options

Question # 4 of 10 (Start time: 11:56:55 AM, 17 August 2020)

In case of public inheritance, protected members of base class will be _____ in derived class?

Select the correct option

○ private

○ public

◉ protected

○ hidden

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Question # 5 of 10 (Start time: 11:57:17 AM, 17 August 2020)

A template provides a convenient way to make a family of

Select the correct option

○	variables and data members
●	functions and classes
○	classes and exceptions
○	programs and algorithms

Question # 6 of 10 (Start time: 11:57:35 AM, 17 August 2020)

Which of the following types of Inheritance is used to model "Implemented in terms of" relationship?

Select the correct option

○ Public

● Private

○ Protected

○ Confidential

Question # 7 of 10 (Start time: 11:57:52 AM, 17 August 2020)

Function overriding is done in context of,

Select the correct option

- ○ Single class
- ○ Single derived class
- ○ Single base class
- ● Derived and base classes

Question # 8 of 10 (Start time: 11:58:12 AM, 17 August 2020)

```
Consider the code below,
class class1{
public:
int i;
};
class class2 : private class1 {
};
```

Select the correct option

- ○ public

- ○ protected

- ● private

- ○ none of the given options

Question # 9 of 10 (Start time: 11:58:29 AM, 17 August 2020)

Which of the following is TRUE,

Select the correct option

⬤	Derived class pointer can be used as Base class pointer
○	Base class pointer can be used as Derived class pointer
○	Both of these options
○	None of these options

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Question # 10 of 10 (Start time: 11:58:47 AM, 17 August 2020)

The default inheritance mode is,

Select the correct option

- ○ Public inheritance
- ○ Protected inheritance
- ◉ Private inheritance
- ○ None of these options

3rd account

Question # 1 of 10 (Start time: 12:35:49 PM, 17 August 2020)

Consider the code below,
```
class class1{
protected:
int i;
};
class class2 : public class1 {
};
```

Select the correct option

○	public
⦿	protected
○	private
○	none of the given options

Question # 2 of 10 (Start time: 12:36:14 PM, 17 August 2020)

In Protected Inheritance the public members of base class become _____ in derived class.

Select the correct option

- ○ Public
- ○ Private
- ◉ Protected
- ○ None of the given options.

Question # 3 of 10 (Start time: 12:36:31 PM, 17 August 2020)

In resolution order compiler search firstly _____.

Select the correct option

	Generic Template
○	
○	Partial Specialization
○	Complete Specialization
●	Ordinary function

Question # 4 of 10 (Start time: 12:36:49 PM, 17 August 2020)

```
Consider the code below,
class class1{
public:
int i;
};
class class2 : private class1 {
};
```

Select the correct option

O	public
O	protected
●	private
O	none of the given options

Question # 5 of 10 (Start time: 12:37:08 PM, 17 August 2020)

Compiler generated copy constructor performs _____.

Select the correct option

⦿	Shallow copy
○	Deep copy
○	Both Shallow and Deep copy
○	None of these options

Question # 6 of 10 (Start time: 12:37:27 PM, 17 August 2020)

```
Consider the code below,
class class1{
protected:
void func1();
};
class class2 : private class1 {
};
```

Select the correct option

○	public
○	protected
●	private
○	none of the given options

Question # 7 of 10 (Start time: 12:37:45 PM, 17 August 2020)

```
Consider the code below,
class class1{
private:
int i;
};
class class2 : public class1 {
};
```

Select the correct option

	public
○	

	protected
○	

	private
○	

	none of the given options
◉	

Question # 8 of 10 (Start time: 12:38:02 PM, 17 August 2020)

A pure virtual function is a virtual function that

Select the correct option

●	causes its class to be abstract.
○	returns nothing.
○	is used in a derived class.
○	takes no arguments.

Question # 9 of 10 (Start time: 12:38:23 PM, 17 August 2020)

Methodologies to the development of reusable software relate to_____.

Select the correct option

O	Structure programming
O	procedural programming
●	generic programming
O	None of the given

Question # 10 of 10 (Start time: 12:38:40 PM, 17 August 2020)

Consider the code below,

```
class class1{
private:
void func1();
};
class class2 : protected class1 {
```

Select the correct option

○	public
○	protected
○	private
●	none of the given options

4ᵗʰ account

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Function overriding is done in context of,

Select the correct option

○ Single class

○ Single derived class

○ Single base class

◉ Derived and base classes

Question # 2 of 10 (Start time: 04:13:19 PM, 17 August 2020)　　　　　　**To**

In case of private inheritance, private members of base class will be _____ in derived class?

Select the correct option

○ private

○ public

○ protected

◉ hidden

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Consider the code below,
```
class class1{
private:
int i;
};
class class2 : protected class1 {
};
```

Select the correct option

○	public
○	protected
○	private
●	none of the given options

Question # 4 of 10 (Start time: 04:13:57 PM, 17 August 2020)

We can call base class assignment operator in derived class user defined assignment operator.

Select the correct option

○ Implicitly

○ Explicitly

● Using both of these options

○ Using none of these options

Question # 5 of 10 (Start time: 04:14:17 PM, 17 August 2020)

In Protected Inheritance the public members of base class become _____ in derived class.

Select the correct option

- ○ Public

- ○ Private

- ◉ Protected

- ○ None of the given options.

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Question # 6 of 10 (Start time: 04:14:37 PM, 17 August 2020)

In c++ by default access of classes is _____.

Select the correct option

(•) Private

(○) Protected

(○) Public

(○) None of these options

Question # 7 of 10 (Start time: 04:14:57 PM, 17 August 2020)

Target class of a _____ function call is determined at run time.

Select the correct option

○	instance
◉	virtual
○	operator
○	none of given

Question # 8 of 10 (Start time: 04:15:13 PM, 17 August 2020)

Consider the code below,

```
class class1{
private:
void func1();
};
class class2 : private class1 {
```

Select the correct option

○	public
○	protected
○	private
◉	none of the given options

Question # 9 of 10 (Start time: 04:15:31 PM, 17 August 2020)

To make a pure virtual, we need to give_____ after ( ) of this function.

Select the correct option

- ⦿ =0;
- ○ =!;
- ○ null;
- ○ none of the given.

Question # 10 of 10 (Start time: 04:15:51 PM, 17 August 2020)

Two functions with same names, parameters and return type can exist in,

Select the correct option

- ○ Function overloading
- ◉ Function overriding
- ○ Operator overloading
- ○ None of these options