virtual



Module 1: Object Oriented Programming ...

100%

/	1. Inheritance models what kind of relationships?
	A "is-a"
	B "has-a"
	C "wants-a"
	D "gotta"
/	2. In an inheritance chain which of the following members from the base class are accessible to sub classes?
	A protected
	B private
	c public
	D static
/	3. C# Classes can inherit from more than one base class.
	A True
	B False
/	4. C# Classes can implement more than one interface.
	A True
	B False
✓	5. C# classes can both inherit from a base class and implement an interface within the same declaration.
	A True
	B False
/	6. In addition to instance methods, classes can also contain static methods.
	A True
	(P) Ealso

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7. Which keyword is used to mark a class method as overridable?

8. Which of the below answers represents the way to properly invoke the method ConvertLbsToOunces in this class? public static class WeightConverter public static double ConvertLbsToOunces(int lbs) return lbs * 16.0; WeightConverter wc = new WeightConverter(); double result = wc.ConvertLbsToOunces(4); B double result = WeightConverter.ConvertLbsToOunces(4); c) WeightConverter wc = new WeightConverter(); wc.ConvertLbsToOunces(4); double result = wc.Result; The method cannot be invoked. Given the following class, which of the below are valid constructor definitions for it? (choose all that apply) public class Vehicle public string VIN { get; private set; } public Vehicle() } public void Vehicle(string vin) public CreateVehicle(string vin) } public Vehicle(string vin) } 10. Which keyword is used to invoke instance member variables within the same class? this

✓ 11. Which of the below definitions best represents an abstract class?

(A) An abstract class cannot be inherited.

An abstract class is any class that cannot be instantiated and must be inherited.

(C) An abstract class is any base class that has more than one subclass.

D I don't know.

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/	12.	Which of the below definitions best represents an abstract method?
	A	Abstract methods have an implementation that cannot be overridden.
	B	Abstract methods only work on system.object.
	C	An abstract method can have multiple parameters.
	D	Abstract methods are declared abstract and do not have an implementation.
/	13. met	An abstract class can contain both abstract methods and non-abstract hods.
	A	True
	(B)	False
/	14.	Why would you choose an abstract class over an interface?
	A	With an abstract class you can share implemented behavior. With an interface each class must implement the interface.
	В	You cannot guarantee that all classes implement the interface whereas with abstract classes each class is forced to implement abstract methods.
	C	If you want to provide multiple constructors for an object.
	D	You wouldn't. It is pretty much up to the developer and based on personal preference.
/	15.	What is the advantage of polymorphism?
	A	You can save memory by using the same variables.
	B	Reusing properties from other classes saves developers time.
	C	The same program logic can be used on objects of different types.
/	16.	Which keyword is used to invoke the constructor in the superclass?
	A	base
	(B)	this
	(c)	super
	(D)	parent
/	17. imp	Does a subclass which inherits from an abstract class need to provide lementation for all abstract methods belonging to the super class?
	A	No as long as the subclass is declared abstract as well.
	B	Yes, every class which inherits an abstract class must provide implementation for all abstract methods.
	C	I don't know.
/	18.	An abstract class can be marked as sealed.
	A	True
	В	False

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/	19.	Which of the following are the basic concepts of object oriented programming?
	(A)	Abstract

- B Encapsulation
- **C** Inheritance
- D Polymorphism
- ✓ 20. Any reference type has a default value of what?
 null

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