

192面向对象程序设计

Test

复查测验提交: 10th_chapter11_Exercise

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用户	计算机1801 莫明达
课程	192面向对象程序设计
测试	10th_chapter11_Exercise
已开始	19-11-20 上午9:59
已提交	19-11-20 上午9:59
状态	已完成
尝试分数	得 0 分, 满分 1,060 分
已用时间	0 分钟
显示的结果	已提交的答案, 正确答案

问题 1

得 0 分, 满分 10 分


You can assign _____ to a variable of Object[] type.

所选答案:  [未给定]正确答案:  A.new String[100] B.new java.util.Date[100]

问题 2

得 0 分, 满分 10 分

Which of the following methods override the toString method in the Object class?

所选答案:  [未给定]正确答案:  D.public String toString()

问题 3

得 0 分, 满分 10 分

Encapsulation means _____.

所选答案:  [未给定]正确答案:  B.that data fields should be declared private

问题 4

得 0 分, 满分 10 分

Which of the following classes cannot be extended?

所选答案:  [未给定]

正确答案:  D.final class A {}


问题 5

得 0 分, 满分 10 分

Suppose an ArrayList list contains {"red", "red", "green"}. What is the list after the following code?

```
String element = "red";
for (int i = 0; i < list.size(); i++)
    if (list.get(i).equals(element))
        list.remove(element);
```

所选答案:  [未给定]

正确答案:  A.{"red", "green"}

问题 6

得 0 分, 满分 10 分

Analyze the following code:

```
public class Test {
    public static void main(String[] args) {
        new B();
    }
}

class A {
    int i = 7;


    public A() {
        System.out.println("i from A is " + i);
    }

    public void setI(int i) {
        this.i = 2 * i;
    }
}

class B extends A {
    public B() {
        setI(20);
        // System.out.println("i from B is " + i);
    }

    public void setI(int i) {
        this.i = 3 * i;
    }
}
```

所选答案:  [未给定]
案:


正确答案:  D.The constructor of class A is called and it displays "i from A is 7".

问题 7

得 0 分, 满分 10 分

The UML uses _____ before a member name to indicate that the member is private.

所选答案:  [未给定]


正确答案:  B.-

问题 8

得 0 分, 满分 10 分

The instanceof operator is used to determine whether an object is an instance of a certain class.

所选答案:  [未给定]

正确答案:  A.true

问题 9

得 0 分, 满分 10 分

Suppose an ArrayList list contains {"red", "red", "green"}. What is the list after the following code?

```
String element = "red";
for (int i = list.size() - 1; i >= 0; i--)
    if (list.get(i).equals(element))
        list.remove(element);
```

所选答案:  [未给定]

正确答案:  A.{"green"}


问题 10

得 0 分, 满分 10 分


Which of the following statements are true?

所选答案:  [未给定]

案:

正确答案: 

案: C.A subclass is usually extended to contain more functions and more detailed information than its superclass.

 D."class A extends B" means A is a subclass of B.

问题 11


得 0 分, 满分 10 分

Analyze the following code:

```
ArrayList<String> list = new ArrayList<String>();  
list.add("Beijing");  
list.add("Tokyo");  
list.add("Shanghai");  
list.set(3, "Hong Kong");
```

所选答  [未给定]

案:

正确答 

案: C.The last line in the code causes a runtime error because there is no element at index 3 in the array list.



D.If you replace the last line by list.add(3, "Hong Kong"), the code will compile and run fine.

问题 12

得 0 分, 满分 10 分

Every class has a toString() method and an equals() method.

所选答案:  [未给定]

正确答案:  A.true

问题 13

得 0 分, 满分 10 分

Which of the following are Java keywords?

所选答案:  [未给定]

正确答案:  B.instanceof

问题 14

得 0 分, 满分 10 分

What is the output of the following code?

```
public class Test {  
    public static void main(String[] args) {  
        new Person().printPerson();  
        new Student().printPerson();  
    }  
}  
  
class Student extends Person {  
    private String getInfo() {  
        return "Student";  
    }  
}  
  
class Person {  
    private String getInfo() {  
        return "Person";  
    }  
}
```

```
public void printPerson() {  
    System.out.println(getInfo());  
}  
}
```

所选答案:  [未给定]

正确答案:  C.Person Person


问题 15


得 0 分, 满分 10 分

Analyze the following code:

```
public class Test {  
    public static void main(String[] args) {  
        Object a1 = new A();  
        Object a2 = new Object();  
        System.out.println(a1);  
        System.out.println(a2);  
    }  
}  
  
class A {  
    int x;  
  
    public String toString() {  
        return "A's x is " + x;  
    }  
}
```

所选答案:  [未给定]
案:

正确答案: 
案: C.When executing System.out.println(a1), the toString() method in the A class is invoked.


D.When executing System.out.println(a2), the toString() method in the Object class is invoked.

问题 16

得 0 分, 满分 10 分

You can use the operator == to check whether two variables refer to the same object, and use the equals() method to check the equality of contents of the two objects.

所选答案:  [未给定]

正确答案:  B.true

问题 17

得 0 分, 满分 10 分

The `getValue()` method is overridden in two ways. Which one is correct?

I:

```
public class Test {  
    public static void main(String[] args) {  
        A a = new A();  
        System.out.println(a.getValue());  
    }  
}
```

```
class B {  
    public String getValue() {  
        return "Any object";  
    }  
}
```

```
class A extends B {  
    public Object getValue() {  
        return "A string";  
    }  
}
```


II:

```
public class Test {  
    public static void main(String[] args) {  
        A a = new A();  
        System.out.println(a.getValue());  
    }  
}
```

```
class B {  
    public Object getValue() {  
        return "Any object";  
    }  
}
```

```
class A extends B {  
    public String getValue() {  
        return "A string";  
    }  
}
```

所选答案:  [未给定]

正确答案:  C.II

问题 18

得 0 分, 满分 10 分

If a method is declared public in the superclass, you may declare the method private in the subclass.

所选答案:  [未给定]

正确答案:  B.false

问题 19

得 0 分, 满分 10 分

Given the following classes and their objects:


```
class C1 {};  
class C2 extends C1 {};  
class C3 extends C1 {};
```

```
C2 c2 = new C2();  
C3 c3 = new C3();
```

Analyze the following statement:

```
c2 = (C2)((C1)c3);
```

所选答案:  [未给定]
案:

正确答案: 
案: B.You will get a runtime error because you cannot cast objects from sibling classes.

问题 20

得 0 分, 满分 10 分

The UML uses _____ before a member name to indicate that the member is package-private.

所选答案:  [未给定]

正确答案:  A.none (blank)

问题 21

得 0 分, 满分 10 分

Analyze the following code.

```
// Program 1:  
public class Test {  
    public static void main(String[] args) {  
        Circle circle1 = new Circle();  
        Circle circle2 = new Circle();  
        System.out.println(circle1.equals(circle2));  
    }  
}  
  
class Circle {  
    double radius;  
  
    public boolean equals(Circle circle) {  
        return this.radius == circle.radius;  
    }  
}
```

```
// Program 2:
```

```

public class Test {
    public static void main(String[] args) {
        Circle circle1 = new Circle();
        Circle circle2 = new Circle();
        System.out.println(circle1.equals(circle2));
    }
}

class Circle {
    double radius;

    public boolean equals(Object circle) {
        return this.radius ==
            ((Circle)circle).radius;
    }
}

```

所选答案:  [未给定]

正确答案:  A. Program 1 displays true and Program 2 displays true

问题 22

得 0 分, 满分 10 分

Analyze the following code:

```

public class Test {
    public static void main(String[] args) {
        B b = new B();
        b.m(5);
        System.out.println("i is " + b.i);
    }
}

class A {
    int i;


    public void m(int i) {
        this.i = i;
    }
}

class B extends A {
    public void m(String s) {
    }
}

```

所选  [未给定]

答
案:

正确 

答 B. The method m is not overridden in B. B inherits the method m from A
案: and defines an overloaded method m in B.

问题 23


得 0 分, 满分 10 分

Which of the following statements are true?

所选  [未给定]

答

案:

正确 

答 A.A private method cannot be overridden. If a method defined in a subclass
案: is private in its superclass, the two methods are completely unrelated.



B.To override a method, the method must be defined in the subclass using the same signature and compatible return type as in its superclass.



C.It is a compilation error if two methods differ only in return type in the same class.



D.Overloading a method is to provide more than one method with the same name but with different signatures to distinguish them.



E.A static method cannot be overridden. If a static method defined in the superclass is redefined in a subclass, the method defined in the superclass is hidden.

问题 24


得 0 分, 满分 10 分

Which of the following statements are true?

所选  [未给定]

答

案:

正确 

答 A.Override the methods equals and toString defined in the Object class
案: whenever possible.



B.A public default no-arg constructor is assumed if no constructors are defined explicitly.



C.Override the hashCode method whenever the equals method is overridden. By contract, two equal objects must have the same hash code.



D.You should follow standard Java programming style and naming conventions. Choose informative names for classes, data fields, and methods.

问题 25

得 0 分, 满分 10 分


Given the following code:

```
class C1 {}  
class C2 extends C1 { }  
class C3 extends C2 { }  
class C4 extends C1 {}
```

```
C1 c1 = new C1();  
C2 c2 = new C2();  
C3 c3 = new C3();  
C4 c4 = new C4();
```

Which of the following expressions evaluates to false?

所选答案:  [未给定]


正确答案:  D.c4 instanceof C2

问题 26

得 0 分, 满分 10 分

A class design requires that a particular member variable must be accessible by any subclasses of this class, but otherwise not by classes which are not members of the same package. What should be done to achieve this?

所选答案:  [未给定]

正确答案:  B.The variable should be marked protected.


问题 27

得 0 分, 满分 10 分

Analyze the following code:

```
double[] c = {1, 2, 3};  
System.out.println(java.util.Collections.max  
(c));
```

所选答案:  [未给定]

正确答案:  C.The code has a compile error on Collections.max(c). c cannot be an array.

问题 28

得 0 分, 满分 10 分

Given the following code, find the compile error.

```
public class Test {  
    public static void main(String[] args) {  
        m(new GraduateStudent());  
        m(new Student());  
        m(new Person());  
        m(new Object());  
    }  
  
    public static void m(Student x) {  
        System.out.println(x.toString());  
    }  
}
```

```
}


class GraduateStudent extends Student {
}

class Student extends Person {
    public String toString() {
        return "Student";
    }
}

class Person extends Object {
    public String toString() {
        return "Person";
    }
}
```

所选答案:  [未给定]

正确答案:  C.m(new Object()) causes an error

 D.m(new Person()) causes an error

问题 29

得 0 分, 满分 10 分

What modifier should you use on the members of a class so that they are not accessible to another class in a different package, but are accessible to any subclasses in any package?

所选答案:  [未给定]


正确答案:  D.protected

问题 30

得 0 分, 满分 10 分

The UML uses _____ before a member name to indicate that the member is protected.

所选答案:  [未给定]

正确答案:  A.#

问题 31

得 0 分, 满分 10 分

The printout from the following code is _____.

```
java.util.ArrayList<String> list = new java.util.ArrayList<String>();
list.add("New York");
java.util.ArrayList<String> list1 = list;
list.add("Atlanta");
list1.add("Dallas");
System.out.println(list1);
```

所选答案:  [未给定]

正确答案:  A.[New York, Atlanta, Dallas]

问题 32

得 0 分, 满分 10 分

If a data field is declared in the superclass, you may hide it by redeclaring it in the subclass.

所选答案:  [未给定]


正确答案:  A.true

问题 33

得 0 分, 满分 10 分

The UML uses _____ before a member name to indicate that the member is public.

所选答案:  [未给定]


正确答案:  B.+

问题 34

得 0 分, 满分 10 分

What modifier should you use on a class so that a class in the same package can access it but a class in a different package cannot access it?

所选答案:  [未给定]

正确答案:  D.Use the default modifier.

问题 35

得 0 分, 满分 10 分

What is the output of the following code:

```
public class Test {  
    public static void main(String[] args) {  
        Object o1 = new Object();  
        Object o2 = new Object();  
        System.out.print((o1 == o2) + " " +  
(o1.equals(o2)));  
    }  
}
```

所选答案:  [未给定]

正确答案:  C.false false

问题 36

得 0 分, 满分 10 分

The class Date, Calendar, and ArrayList are in the _____ package.

所选答案:  [未给定]

正确答案:  C.java.util

问题 37

得 0 分, 满分 10 分

Analyze the following code.

```
// Program 1:
public class Test {
    public static void main(String[] args) {
        Object a1 = new A();
        Object a2 = new A();
        System.out.println(a1.equals(a2));
    }
}

class A {
    int x;

    public boolean equals(A a) {
        return this.x == a.x;
    }
}

// Program 2:
public class Test {
    public static void main(String[] args) {
        A a1 = new A();
        A a2 = new A();
        System.out.println(a1.equals(a2));
    }
}

class A {
    int x;

    public boolean equals(A a) {
        return this.x == a.x;
    }
}
```

所选答案:  [未给定]

正确答案:  D.Program 1 displays false and Program 2 displays true

问题 38


得 0 分, 满分 10 分

Which of the following statements are true?

所选  [未给定]

答

案:

正确 

答

案: A.A method may be implemented in several subclasses. The Java Virtual Machine dynamically binds the implementation of the method at runtime.



C.You can always pass an instance of a subclass to a parameter of its superclass type. This feature is known as polymorphism.



D.The compiler finds a matching method according to parameter type, number of parameters, and order of the parameters at compilation time.



E.Dynamic binding can apply to instance methods.

问题 39

得 0 分, 满分 10 分

Analyze the following code.

```
// Program 1:
public class Test {
    public static void main(String[] args) {
        Object a1 = new A();
        Object a2 = new A();
        System.out.println(a1.equals(a2));
    }
}

class A {
    int x;

    public boolean equals(Object a) {
        return this.x == ((A)a).x;
    }
}

// Program 2:
public class Test {
    public static void main(String[] args) {
        Object a1 = new A();
        Object a2 = new A();
        System.out.println(a1.equals(a2));
    }
}

class A {
    int x;

    public boolean equals(A a) {
        return this.x == a.x;
    }
}
```

所选答案: [未给定]


正确答案: C.Program 1 displays true and Program 2 displays false

问题 40

得 0 分, 满分 10 分

Which of the statements regarding the super keyword is incorrect?

所选答案:  [未给定]
案:

正确答案: 
案: A.You can use super.super.p to invoke a method in superclass's parent class.

问题 41

得 0 分, 满分 10 分

You can always successfully cast a superclass to a subclass.

所选答案:  [未给定]

正确答案:  A.false

问题 42

得 0 分, 满分 10 分

Analyze the following code:

```
public class Test extends A {  
    public static void main(String[] args) {  
        Test t = new Test();  
        t.print();  
    }  
}  
  
class A {  
    String s;  
  
    A(String s) {  
        this.s = s;  
    }  
  
    public void print() {  
        System.out.println(s);  
    }  
}
```

所选  [未给定]

答
案:

正确 

答 A.The program has an implicit default constructor Test(), but it cannot be
案: compiled, because its super class does not have a default constructor. The
program would compile if the constructor in the class A were removed.



D.The program would compile if a default constructor A(){ } is added to class
A explicitly.

问题 43

得 0 分, 满分 10 分

A final class can be extended.

所选答案:  [未给定]

正确答案:  A.false

问题 44

得 0 分, 满分 10 分

Analyze the following code.

```
// Program 1
public class Test {
    public static void main(String[] args) {
        Object a1 = new A();
        Object a2 = new A();
        System.out.println(((A)a1).equals((A)a2));
    }
}

class A {
    int x;

    public boolean equals(A a) {
        return this.x == a.x;
    }
}

// Program 2
public class Test {
    public static void main(String[] args) {
        A a1 = new A();
        A a2 = new A();
        System.out.println(a1.equals(a2));
    }
}

class A {
    int x;

    public boolean equals(A a) {
        return this.x == a.x;
    }
}
```

所选答案:  [未给定]

正确答案:  C.Program 1 displays true and Program 2 displays true

问题 45

得 0 分, 满分 10 分

Superclasses contain more features than their subclasses.

所选答案:  [未给定]

正确答案:  B.false

问题 46

得 0 分, 满分 10 分

Analyze the following code:

```
Cylinder cy = new Cylinder(1, 1);  
Circle c = cy;
```

所选答案:  [未给定]

正确答案:  A.The code is fine.

问题 47

得 0 分, 满分 10 分

Suppose an ArrayList list contains {"red", "red", "green"}. What is the list after the following code?

```
String element = "red";  
for (int i = 0; i < list.size(); i++)  
    if (list.get(i).equals(element)) {  
        list.remove(element);  
        i--;  
    }
```

所选答案:  [未给定]

正确答案:  B.{"green"}

问题 48

得 0 分, 满分 10 分

Every object is an instance of the Object class.

所选答案:  [未给定]

正确答案:  B.true

问题 49

得 0 分, 满分 10 分

Consider the following declaration for a class A.

```
class A {  
    private int x;  
    private int y;  
  
    public A(int x, int y) {  
        this.x = x;  
        this.y = y;  
    }  
}
```

```
}
```

Class B is a subclass of A. Which of the following can be constructors in B?

I:

```
public B() {  
}
```

II:

```
public B(int x, int y) {  
    super(x, y);  
}
```


III:

```
public B() {  
    super(0, 0);  
}
```

IV:

```
public B(int x, int y) {  
    this.x = x;  
    this.y = y;  
}
```

所选答案:  [未给定]

正确答案:  A.II

 C.III

问题 50

得 0 分, 满分 10 分

Invoking _____ returns the first element in an ArrayList x.

所选答案:  [未给定]

正确答案:  B.x.get(0)

问题 51

得 0 分, 满分 10 分

What is the output of the following code?

```
ArrayList<java.util.Date> list = new ArrayList<java.util.Date>();  
java.util.Date d = new java.util.Date();  
list.add(d);  
list.add(d);  
System.out.println((list.get(0) == list.get(1))  
+ " " + (list.get(0)).equals(list.get(1)));
```

所选答案:  [未给定]


正确答案:  A.true true

问题 52

得 0 分，满分 10 分

If a method is declared private in the superclass, you may declare the method public in the subclass.

所选答案:  [未给定]

正确答案:  A.true

问题 53

得 0 分，满分 10 分

Object-oriented programming allows you to derive new classes from existing classes. This is called _____.

所选答案:  [未给定]

正确答案:  C.inheritance

问题 54

得 0 分，满分 10 分

Invoking _____ removes all elements in an ArrayList x.

所选答案:  [未给定]


正确答案:  C.x.clear()

问题 55

得 0 分，满分 10 分

If a method is declared private in the superclass, you may declare the method protected in the subclass.

所选答案:  [未给定]


正确答案:  A.true

问题 56

得 0 分，满分 10 分

Composition means _____.

所选答案:  [未给定]

正确答案:  A.that a class contains a data field that references another object

问题 57

得 0 分，满分 10 分

A final class can have instances.

所选答案:  [未给定]

正确答案:  A.true

问题 58

得 0 分, 满分 10 分

What is the output of the following code:

```
public class Test {  
    public static void main(String[] args) {  
        String s1 = new String("Java");  
        String s2 = new String("Java");  
        System.out.print((s1 == s2) + " " +  
(s1.equals(s2)));  
    }  
}
```

所选答案:  [未给定]

正确答案:  D.false true


问题 59

得 0 分, 满分 10 分

Analyze the following code:

```
Integer[] c = {3, 5};  
java.util.Collections.shuffle(c);  
System.out.println(java.util.Arrays.toString  
(c));
```

所选答案:  [未给定]

正确答案:  B.The code has a compile error on Collections.shuffle(c). c cannot be an array.

问题 60

得 0 分, 满分 10 分

The order in which modifiers appear before a class or a method is important.

所选答案:  [未给定]

正确答案:  B.false

问题 61

得 0 分, 满分 10 分

Given two reference variables t1 and t2, if t1 == t2 is true, t1.equals(t2) must be _____.

所选答案:  [未给定]


正确答案:  B.true

问题 62

得 0 分, 满分 10 分

Polymorphism means _____.

所选答案:  [未给定]

正确答案:  A.that a variable of supertype can refer to a subtype object


问题 63

得 0 分, 满分 10 分

Analyze the following code:

```
Circle c = new Circle (5);  
Cylinder c = cy;
```

所选答案:  [未给定]

正确答案:  C.The code has a compile error.

问题 64

得 0 分, 满分 10 分

Normally you depend on the JVM to perform garbage collection automatically. However, you can explicitly use ____ to request garbage collection.

所选答案:  [未给定]

正确答案:  B.System.gc()


问题 65

得 0 分, 满分 10 分

Which of the following statements are true?

所选答案:  [未给定]

案:

正确答案: 

案: A.If a method overrides another method, these two methods must have the same signature.

 D.A method can be overloaded in the same class.


 E.A method in a subclass can overload a method in the superclass.

问题 66

得 0 分, 满分 10 分

You can always successfully cast a subclass to a superclass.

所选答案:  [未给定]


正确答案:  A.true

问题 67

得 0 分, 满分 10 分

The equals method is defined in the Object class. Which of the following is correct to override it in the String class?

所选答案:  [未给定]

正确答案:  C.public boolean equals(Object other)

问题 68

得 0 分, 满分 10 分

Suppose ArrayList x contains two strings [Beijing, Singapore]. Which of the following method will cause the list to become [Beijing]?

所选答案:  [未给定]

正确答案:  A.x.remove("Singapore")

 B.x.remove(1)

问题 69

得 0 分, 满分 10 分

What is the output of the following code?

```
ArrayList<String> list = new ArrayList<String>
();
String s1 = new String("Java");
String s2 = new String("Java");
list.add(s1);
list.add(s2);
System.out.println((list.get(0) == list.get(1))
+ " " + (list.get(0)).equals(list.get(1)));
```

所选答案:  [未给定]

正确答案:  C.false true

问题 70

得 0 分, 满分 10 分

The size of _____ can grow and shrink at runtime.

所选答案:  [未给定]

正确答案:  B.an ArrayList

问题 71

得 0 分, 满分 10 分

Analyze the following code.

```
// Program 1:
public class Test {
    public static void main(String[] args) {
        Object circle1 = new Circle();
        Object circle2 = new Circle();
        System.out.println(circle1.equals(circle2));
    }
}

class Circle {
```

```

double radius;

public boolean equals(Circle circle) {
    return this.radius == circle.radius;
}
}

// Program 2:
public class Test {
    public static void main(String[] args) {
        Object circle1 = new Circle();
        Object circle2 = new Circle();
        System.out.println(circle1.equals(circle2));
    }
}

class Circle {
    double radius;

    public boolean equals(Object circle) {
        return this.radius ==
            ((Circle)circle).radius;
    }
}

```

所选答案:  [未给定]




正确答案:  D.Program 1 displays false and Program 2 displays true

问题 72

得 0 分, 满分 10 分

Suppose ArrayList x contains two strings [Beijing, Singapore]. Which of the following method will cause runtime errors?

所选答案:  [未给定]

正确答案:  B.x.remove(2)
 C.x.get(2)
 E.x.set(2, "New York");

问题 73

得 0 分, 满分 10 分

_____ can search in an unsorted list.

所选答案:  [未给定]


正确答案:  A.Linear search

问题 74

得 0 分, 满分 10 分

Suppose ArrayList x contains two strings [Beijing, Singapore]. Which of the following methods will cause the list to become [Beijing, Chicago, Singapore]?

所选答案:  [未给定]

正确答案:  A.x.add(1, "Chicago")

问题 75

得 0 分, 满分 10 分

In OOP, a reference variable can reference a subtype object. This is called ____.

所选答案:  [未给定]

正确答案:  A.polymorphism


问题 76

得 0 分, 满分 10 分

Which statements are most accurate regarding the following classes?

```
class A {  
    private int i;  
    protected int j;  
}  
  
class B extends A {  
    private int k;  
    protected int m;  
}
```

所选答案:  [未给定]


正确答案:  D.An object of B contains data fields i, j, k, m.

问题 77

得 0 分, 满分 10 分

Inheritance means _____.

所选答案:  [未给定]

正确答案:  B.that a class can extend another class

问题 78

得 0 分, 满分 10 分

You can create an ArrayList using _____.

所选答案:  [未给定]

正确答案:  A.new ArrayList()

问题 79

得 0 分, 满分 10 分

If a parameter is of the java.lang.Object type, you can pass any object to it. This is known as generic programming.

所选答案:  [未给定]

正确答案:  B.true

问题 80

得 0 分, 满分 10 分

A instance of a subclass is also an instance of its superclass.

所选答案:  [未给定]

正确答案:  B.true

问题 81

得 0 分, 满分 10 分

An interface can be a separate unit and can be compiled into a bytecode file.

所选答案:  [未给定]

正确答案:  A.true

问题 82

得 0 分, 满分 10 分

If a method is declared protected in the superclass, you may declare the method public in the subclass.

所选答案:  [未给定]


正确答案:  B.true

问题 83

得 0 分, 满分 10 分

The visibility of these modifiers increases in this order:

所选答案:  [未给定]

正确答案:  B.private, none (if no modifier is used), protected, and public.

问题 84

得 0 分, 满分 10 分

Analyze the following code.

```
// Program 1:
public class Test {
    public static void main(String[] args) {
        Object circle1 = new Circle();
        Circle circle2 = new Circle();
        System.out.println(circle1.equals(circle2));
    }
}

class Circle {
    double radius;
```

```

        public boolean equals(Circle circle) {
            return this.radius == circle.radius;
        }
    }

// Program 2:
public class Test {
    public static void main(String[] args) {
        Circle circle1 = new Circle();
        Circle circle2 = new Circle();
        System.out.println(circle1.equals(circle2));
    }
}

class Circle {
    double radius;

    public boolean equals(Object circle) {
        return this.radius ==
            ((Circle)circle).radius;
    }
}

```

所选答案:  [未给定]

正确答案:  B.Program 1 displays false and Program 2 displays true

问题 85

得 0 分, 满分 10 分

Analyze the following code:

```

public class Test {
    public static void main(String[] args) {
        new B();
    }
}

class A {
    int i = 7;

    public A() {
        setI(20);
        System.out.println("i from A is " + i);
    }

    public void setI(int i) {
        this.i = 2 * i;
    }
}

class B extends A {
    public B() {
        // System.out.println("i from B is " + i);
    }
}

```

```
public void setI(int i) {  
    this.i = 3 * i;  
}  
}
```

所选答案:  [未给定]

正确答案:  B.The constructor of class A is called and it displays "i from A is 60".

问题 86

得 0 分, 满分 10 分

You use the keyword _____ to reference a method in the superclass from a subclass.

所选答案:  [未给定]

正确答案:  C.super


问题 87

得 0 分, 满分 10 分

Show the output of the following code:

```
String[] array = {"red", "green", "blue"};  
ArrayList<String> list = new ArrayList<>(Arrays.  
asList(array));  
list.add(0, "red");  
System.out.println(list);
```

所选答案:  [未给定]

正确答案:  C.["red", "red", "green", "blue"]

问题 88

得 0 分, 满分 10 分

If a method is declared protected in the superclass, you may declare the method private in the subclass.

所选答案:  [未给定]

正确答案:  A.false

问题 89

得 0 分, 满分 10 分

Suppose you create a class Square to be a subclass of GeometricObject. Analyze the following code:


```
class Square extends GeometricObject {  
    double length;
```

```
Square(double length) {  
    GeometricObject(length);  
}  
}
```

所选  [未给定]

答

案:

正确 


答 B.The program has a compile error because you attempted to invoke the
案: GeometricObject class's constructor illegally.

问题 90

得 0 分, 满分 10 分

Which of the following methods override the equals method in the Object class?

所选答案:  [未给定]

正确答案:  C.public boolean equals(Object o)

问题 91

得 0 分, 满分 10 分


Analyze the following code:

```
public class A extends B {  
}  
  
class B {  
    public B(String s) {  
    }  
}
```

所选  [未给定]

答

案:

正确 

答 B.The program would compile fine if you add the following constructor into

案: A: A(String s) { super(s); }



C.The program has a compilation error because the default constructor of A invokes the default constructor of B, but B does not have a default constructor.

问题 92

得 0 分, 满分 10 分

If an object is an instance of class A, and class A is a subclass of class B, then the object is also an instance of class B.

所选答案:  [未给定]

正确答案:  A.true


问题 93

得 0 分, 满分 10 分

Analyze the following code:

```
public class Test {  
    public static void main(String[] args) {  
        String s = new String("Welcome to Java");  
        Object o = s;  
        String d = (String)o;  
    }  
}
```

所选答案:  [未给定]

正确答案:  C.s, o, and d reference the same String object.


问题 94

得 0 分, 满分 10 分

What is the output of the following code?

```
public class Test {  
    public static void main(String[] args) {  
        new Person().printPerson();  
        new Student().printPerson();  
    }  
}  
  
class Student extends Person {  
    public String getInfo() {  
        return "Student";  
    }  
}  
  
class Person {  
    public String getInfo() {  
        return "Person";  
    }  
  
    public void printPerson() {  
        System.out.println(getInfo());  
    }  
}
```

所选答案:  [未给定]

正确答案:  B.Person Student

问题 95

得 0 分, 满分 10 分

The set of all instances of a subclass is a subset of the instances of its superclass.

所选答案:  [未给定]

正确答案:  A.true

问题 96

得 0 分, 满分 10 分

In OOP, you declare a class that extends another class. This is called ____.

所选答案:  [未给定]

正确答案:  C.inheritance

问题 97

得 0 分, 满分 10 分

Invoking _____ returns the number of the elements in an ArrayList x.

所选答案:  [未给定]

正确答案:  D.x.size()

问题 98

得 0 分, 满分 10 分

Which statements are most accurate regarding the following classes?

```
class A {  
    private int i;  
    protected int j;  
}  
  
class B extends A {  
    private int k;  
    protected int m;  
  
    // some methods omitted  
}
```

所选答案:  [未给定]

正确答案:  D.In the class B, an instance method can only access j, k, m.

问题 99

得 0 分, 满分 10 分

Given two reference variables t1 and t2, if t1.equals(t2) is true, t1 == t2 _____.

所选答案:  [未给定]

正确答案:  A.may be true or false

问题 100


得 0 分, 满分 10 分

What is the output of running class C?

```
class A {  
    public A() {  
        System.out.println(  
            "The default constructor of A is invoked");  
    }  
}  
  
class B extends A {  
    public B() {  
        System.out.println(  
            "The default constructor of B is invoked");  
    }  
}  
  
public class C {  
    public static void main(String[] args) {  
        B b = new B();  
    }  
}
```

所选答  [未给定]

案:

正确答 

案: E."The default constructor of A is invoked" followed by "The default constructor of B is invoked"

问题 101

得 0 分, 满分 10 分

In OOP, you declare a data fields to be private. This is called ____.

所选答案:  [未给定]

正确答案:  C.encapsulation


问题 102

得 0 分, 满分 10 分

Suppose an ArrayList list contains {"red", "green", "red", "green"}. What is the list after the following code?

```
list.remove("red");
```

所选答案:  [未给定]


正确答案:  A.{"green", "red", "green"}

问题 103

得 0 分, 满分 10 分

Which of the following is incorrect?

所选答案:  [未给定]

正确答案:  E.A constructor may be static.

问题 104


得 0 分, 满分 10 分

Analyze the following code:

```
double[] array = {1, 2, 3};
ArrayList<Double> list = new ArrayList<>(Arrays.
asList(array));
System.out.println(list);
```

所选答案:  [未给定]

案:

正确答案: 

案: A.The code has a compile error because asList(array) requires that the array elements are objects.

问题 105

得 0 分, 满分 10 分

Which of the following statements is false?

所选答案:  [未给定]

案:

正确答案: 

案: A.A method with no visibility modifier can be accessed by a class in a different package.

问题 106

得 0 分, 满分 10 分

Analyze the following code:

```
Double[] array = {1, 2, 3};
ArrayList<Double> list = new ArrayList<>(Arrays.
asList(array));
System.out.println(list);
```

所选答案:  [未给定]

答

案:

正确答案: 

案: C.The code has a compile error because an integer such as 1 is automatically converted into an Integer object, but the array element type is Double.

2019年11月20日 星期三 上午10时02分11秒 CST

← 确定

