

## 192面向对象程序设计

Test

复查测验提交: 10th\_Chapter09\_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_Chapter09_Exercise
已开始	19-11-20 上午9:58
已提交	19-11-20 上午9:58
状态	已完成
尝试分数	得 0 分, 满分 890 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

The default value for a data member of boolean type is true.

所选答案:  [未给定]正确答案:  B.false

## 问题 2

得 0 分, 满分 10 分

To prevent a class from being instantiated, \_\_\_\_\_

所选答案:  [未给定]正确答案:  D.use the private modifier on the constructor.

## 问题 3

得 0 分, 满分 10 分

An object is an instance of a \_\_\_\_\_.

所选答案:  [未给定]正确答案:  A.class

## 问题 4

得 0 分, 满分 10 分

Suppose you declare Date d. d is now called \_\_\_\_\_.

所选答案:  [未给定]

正确答案:  C.a reference variable for an object


### 问题 5

得 0 分, 满分 10 分

Suppose the `xMethod()` is invoked from a main method in a class as follows, `xMethod()` is \_\_\_\_\_ in the class.

```
public static void main(String[] args) {  
    xMethod();  
}
```

所选答案:  [未给定]

正确答案:  A.a static method

### 问题 6

得 0 分, 满分 10 分

You can declare variables of the same name in a method if they are in non-nesting blocks.

所选答案:  [未给定]

正确答案:  B.true

### 问题 7

得 0 分, 满分 10 分

A static data field can be accessed from any method in the same class.

所选答案:  [未给定]

正确答案:  A.True


### 问题 8

得 0 分, 满分 10 分

Analyze the following code.

```
public class Test {  
    int x;  
  
    public Test(String t) {  
        System.out.println("Test");  
    }  
  
    public static void main(String[] args) {  
        Test test = new Test();  
        System.out.println(test.x);  
    }  
}
```

所选答案:  [未给定]

正确答案:   
案: C.The program has a compile error because Test does not have a default constructor.


### 问题 9

得 0 分, 满分 10 分

Analyze the following code:

```
public class Test {  
    public static void main(String[] args) {  
        double radius;  
        final double PI= 3.15169;  
        double area = radius * radius * PI;  
        System.out.println("Area is " + area);  
    }  
}
```

所选答案:  [未给定]

正确答案:   
案: B.The program has compile errors because the variable radius is not initialized.

### 问题 10

得 0 分, 满分 10 分

You use underline to denote static variables and methods.

所选答案:  [未给定]

正确答案:  A.true

### 问题 11

得 0 分, 满分 10 分

Suppose TestSimpleCircle and SimpleCircle in Listing 9.1 are in two separate files named TestSimpleCircle.java and SimpleCircle.java, respectively. What is the outcome of compiling TestsimpleCircle.java and then SimpleCircle.java?

所选答案:  [未给定]

正确答案:  C.Both compile fine.

### 问题 12

得 0 分, 满分 10 分

If the parameter is an object, both formal parameter and actual parameter reference to the same object.

所选答案:  [未给定]

正确答案:  A.true

### 问题 13

得 0 分, 满分 10 分

You cannot use the private modifier on classes.

所选答案:  [未给定]

正确答案:  B.true


### 问题 14

得 0 分, 满分 10 分

Analyze the following code.

```
public class Test {  
    int x;  
  
    public Test(String t) {  
        System.out.println("Test");  
    }  
  
    public static void main(String[] args) {  
        Test test = null;  
        System.out.println(test.x);  
    }  
}
```

所选答案:  [未给定]  
案:

正确答案:   
案: A.The program has a runtime NullPointerException because test is null while executing test.x.

### 问题 15

得 0 分, 满分 10 分

What is the printout for the first statement in the main method?

```
public class Test {  
    private int i = 0;  
    static int j = 0;  
  
    public static void main(String[] args) {  
        new Test();  
    }  
  
    public Test() {  
        i++;  
        j++;  
        int i = 1;  
        int j = 1;  
        System.out.println("i is " + j + " j is " + j);  
    }  
}
```

```
}  
}
```

所选答案:  [未给定]正确答案:  A.i is 1 j is 1**问题 16**

得 0 分, 满分 10 分


What is wrong in the following code?

```
class TempClass {  
    int i;  
    public void TempClass(int j) {  
        int i = j;  
    }  
}  
  
public class C {  
    public static void main(String[] args) {  
        TempClass temp = new TempClass(2);  
    }  
}
```

所选答案:  [未给定]

答

案:


正确答案: 

答案: C.The program has a compilation error because TempClass does not have a constructor with an int argument.

**问题 17**

得 0 分, 满分 10 分

Suppose you wish to provide an accessor method for a boolean property finished, what signature of the method should be?

所选答案:  [未给定]正确答案:  D.public boolean isFinished()**问题 18**

得 0 分, 满分 10 分

The keyword \_\_\_\_\_ is required to declare a class.

所选答案:  [未给定]正确答案:  B.class**问题 19**

得 0 分, 满分 10 分

The `java.util.Date` class is introduced in this section. Analyze the following code and choose the best answer:

Which of the following code in A or B, or both creates an object of the `Date` class:


A:

```
public class Test {  
    public Test() {  
        new java.util.Date();  
    }  
}
```

B:

```
public class Test {  
    public Test() {  
        java.util.Date date = new java.util.Date();  
    }  
}
```

所选答案:  [未给定]

正确答案:  A.A.


 C.B.

## 问题 20

得 0 分, 满分 10 分

When invoking a method with an object argument, \_\_\_\_\_ is passed.

所选答案:  [未给定]

正确答案:  B.the reference of the object

## 问题 21

得 0 分, 满分 10 分

You can declare variables of the same name in a method even though they are in the same block.

所选答案:  [未给定]


正确答案:  B.false

## 问题 22

得 0 分, 满分 10 分

Which of the following statements are true about an immutable object?

所选答案:  [未给定]

正确答案:  A.All properties of an immutable object must be private.

 B.An immutable object contains no mutator methods.



D.An object type property in an immutable object must also be immutable.

✔ E.The contents of an immutable object cannot be modified.

### 问题 23


得 0 分, 满分 10 分

Analyze the following code:

```
public class Test {
    public static void main(String args[]) {
        NClass nc = new NClass();
        nc.t = nc.t++;
    }
}

class NClass {
    int t;
    private NClass() {
    }
}
```

所选答案:  [未给定]

正确答案:   
案: C.The program has a compilation error because the NClass class has a private constructor.

### 问题 24

得 0 分, 满分 10 分

What is the value of myCount.count displayed?

```
public class Test {
    public static void main(String[] args) {
        Count myCount = new Count();
        int times = 0;

        for (int i=0; i<100; i++)
            increment(myCount, times);

        System.out.println(
            "myCount.count = " + myCount.count);
        System.out.println("times = "+ times);
    }

    public static void increment(Count c, int times) {
        c.count++;
        times++;
    }
}


class Count {
    int count;

    Count(int c) {
```

```
        count = c;
    }

    Count() {
        count = 1;
    }
}
```

所选答案:  [未给定]


正确答案:  A.101

## 问题 25

得 0 分, 满分 10 分

You can access a class variable using a syntax like objectName.classVariable or ClassName.classVariable.

所选答案:  [未给定]

正确答案:  B.true

## 问题 26

得 0 分, 满分 10 分

\_\_\_\_\_ can be accessed from any instance method in the class.

所选答案:  [未给定]

正确答案:  A.A static variable


 B.An instance variable

## 问题 27

得 0 分, 满分 10 分

You can declare a local variable in a method that has same name as an instance variable in the class.

所选答案:  [未给定]

正确答案:  B.true

## 问题 28

得 0 分, 满分 10 分

Which is the advantage of encapsulation?

所选答案:  [未给定]

答案:

正确答案: 

答案: C.It changes the implementation without changing a class's contract and causes no consequential changes to other code.

## 问题 29

得 0 分, 满分 10 分



You can create an instance of the Math class.

所选答案:  [未给定]

正确答案:  A.false

### 问题 30


得 0 分, 满分 10 分

Analyze the following code and choose the best answer:

```
public class Foo {  
    private int x;  
  
    public static void main(String[] args) {  
        Foo foo = new Foo();  
        System.out.println(foo.x);  
    }  
}
```

所选  [未给定]

答  
案:

正确 

答 A.Since x is an instance variable, it cannot be directly used inside a main  
案: method. However, it can be accessed through an object such as foo in this  
code.


### 问题 31

得 0 分, 满分 10 分

Which of the following statement is most accurate?

所选答案:  [未给定]

正确答案:  A.An object may contain the references of other objects.

 B.A reference variable refers to an object.

### 问题 32

得 0 分, 满分 10 分

You use the plus sign (+) to denote public data or methods.

所选答案:  [未给定]

正确答案:  B.true

### 问题 33

得 0 分, 满分 10 分

Analyze the following code:


```
class Circle {  
    private double radius;
```

```
public Circle(double radius) {  
    radius = radius;  
}  
}
```

所选  [未给定]

答

案:

正确 

答 B.The program will compile, but you cannot create an object of Circle with  
案: a specified radius. The object will always have radius 0.

### 问题 34

得 0 分, 满分 10 分

You can always use the default constructor even though the non-default constructors are defined in the class.

所选答案:  [未给定]

正确答案:  A.false

### 问题 35

得 0 分, 满分 10 分

What is the printout of the third println statement in the main method?

```
public class Foo {  
    int i;  
    static int s;  
  
    public static void main(String[] args) {  
        Foo f1 = new Foo();  
        System.out.println("f1.i is " + f1.i + " f1.s is  
" + f1.s);  
        Foo f2 = new Foo();  
        System.out.println("f2.i is " + f2.i + " f2.s is  
" + f2.s);  
        Foo f3 = new Foo();  
        System.out.println("f3.i is " + f3.i + " f3.s is  
" + f3.s);  
    }  
  
    public Foo() {  
        i++;  
        s++;  
    }  
}
```

所选答案:  [未给定]

正确答案:  E.f3.i is 1 f3.s is 3

## 问题 36

得 0 分，满分 10 分

\_\_\_\_\_ represents an entity in the real world that can be distinctly identified.

所选答案:  [未给定]


正确答案:  D.An object

## 问题 37

得 0 分，满分 10 分

Given the declaration `Circle x = new Circle()`, which of the following statement is most accurate.

所选答案:  [未给定]

正确答案:  C.x contains a reference to a Circle object.

## 问题 38

得 0 分，满分 10 分

All local variables in a method have default values.

所选答案:  [未给定]

正确答案:  A.false

## 问题 39

得 0 分，满分 10 分

Which of the following statements are correct?

所选  [未给定]

答  
案:

正确 

答 A.The `nextDouble()` method in the `Random` class returns the next random  
案: double value.



B.If two `Random` objects have the same seed, the sequence of the random numbers obtained from these two objects are identical.



C.When creating a `Random` object, you have to specify the seed or use the default seed.



D.The `nextInt()` method in the `Random` class returns the next random int value.

## 问题 40

得 0 分，满分 10 分

Analyze the following code:

```
class Test {  
    private double i;
```

```

public Test(double i) {
    this.t();
    this.i = i;
}


public Test() {
    System.out.println("Default constructor");
    this(1);
}

public void t() {
    System.out.println("Invoking t");
}
}

```

所选答案:  [未给定]

案:

正确答案:  A.this.t() may be replaced by t().

案:



C.this(1) must be called before System.out.println("Default constructor").

#### 问题 41

得 0 分, 满分 10 分

What is the printout of the second println statement in the main method?

```

public class Foo {
    int i;
    static int s;

    public static void main(String[] args) {
        Foo f1 = new Foo();
        System.out.println("f1.i is " + f1.i + " f1.s is " + f1.s);
        Foo f2 = new Foo();
        System.out.println("f2.i is " + f2.i + " f2.s is " + f2.s);
        Foo f3 = new Foo();
        System.out.println("f3.i is " + f3.i + " f3.s is " + f3.s);
    }

    public Foo() {
        i++;
        s++;
    }
}

```

所选答案:  [未给定]

正确答案:  C.f2.i is 1 f2.s is 2

#### 问题 42

得 0 分, 满分 10 分

Assume `java.util.Date[] dates = new java.util.Date[10]`, which of the following statements are true?

所选答案:  [未给定]

案:

正确答案: 

案: B.dates = new java.util.Date[5] is fine, which assigns a new array to dates.

 C.dates[0] is null.

### 问题 43


得 0 分, 满分 10 分

Analyze the following code:

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

所选答案:  [未给定]

案:

正确答案: 

案: B.The program has a compilation error because class A does not have a default constructor.



C.The program would compile and run if you change `A a = new A()` to `A a = new A("5")`.

### 问题 44

得 0 分, 满分 10 分

All data fields in an object have default values.

所选答案:  [未给定]

正确答案:  B.true

### 问题 45

得 0 分, 满分 10 分

What code may be filled in the blank without causing syntax or runtime errors:

```
public class Test {  
    java.util.Date date;  
  
    public static void main(String[] args) {  
        Test test = new Test();  
        System.out.println(_____);  
    }  
}
```

所选答案:  [未给定]

正确答案:  A.test.date

#### 问题 46

得 0 分, 满分 10 分

Suppose the xMethod() is invoked in the following constructor in a class, xMethod() is \_\_\_\_\_ in the class.

```
public MyClass() {  
    xMethod();  
}
```

所选答案:  [未给定]

正确答案:  A.a static method or an instance method


#### 问题 47

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:  B.A variable of a primitive type holds a value of the primitive type.

案:

 C.Local variables do not have default values.

 D.Data fields have default values.



E.A variable of a reference type holds a reference to where an object is stored in the memory.

#### 问题 48

得 0 分, 满分 10 分

What is the value of times displayed?

```
public class Test {  
    public static void main(String[] args) {  
        Count myCount = new Count();  
        int times = 0;
```

```
for (int i=0; i<100; i++)
    increment(myCount, times);

System.out.println(
    "myCount.count = " + myCount.count);
System.out.println("times = "+ times);
}


public static void increment(Count c, int times) {
    c.count++;
    times++;
}

class Count {
    int count;

    Count(int c) {
        count = c;
    }

    Count() {
        count = 1;
    }
}
```

所选答案:  [未给定]

正确答案:  B.0

#### 问题 49

得 0 分, 满分 10 分

What is the printout for the second statement in the main method?

```
public class Foo {
    static int i = 0;
    static int j = 0;

    public static void main(String[] args) {
        int i = 2;
        int k = 3;
        {
            int j = 3;
            System.out.println("i + j is " + i + j);
        }

        k = i + j;
        System.out.println("k is " + k);
        System.out.println("j is " + j);
    }
}
```

所选答案:  [未给定]

正确答案:  D.k is 2


## 问题 50

得 0 分, 满分 10 分

Analyze the following code.

```
public class Test {  
    public static void main(String[] args) {  
        int n = 2;  
        xMethod(n);  
  
        System.out.println("n is " + n);  
    }  
  
    void xMethod(int n) {  
        n++;  
    }  
}
```

所选答案:  [未给定]

正确答案:  A.The code has a compile error because xMethod is not declared static.

## 问题 51

得 0 分, 满分 10 分

The default value null is assigned to a data member of object type, even though the data member is not created yet.

所选答案:  [未给定]


正确答案:  B.true


## 问题 52


得 0 分, 满分 10 分


Which of the following statements are true?

所选答案:  [未给定]

正确答案:  A.Multiple constructors can be defined in a class.

 B.Constructors are invoked using the new operator when an object is created.

 C.Constructors must have the same name as the class itself.

 D.Constructors do not have a return type, not even void.


## 问题 53

得 0 分, 满分 10 分

Java uses \_\_\_\_\_ to reference the current object.

所选答案:  [未给定]



正确答案:  C.this

### 问题 54

得 0 分, 满分 10 分

The default value for data field of a boolean type, numeric type, object type is \_\_\_\_\_, respectively.

所选答案:  [未给定]


正确答案:  A.false, 0, null

### 问题 55

得 0 分, 满分 10 分

A source code file may contain several classes.

所选答案:  [未给定]

正确答案:  A.true

### 问题 56


得 0 分, 满分 10 分

Which of the following statements are true?

所选答案:  [未给定]

正确答案:  A.Encapsulating data fields helps prevent programming errors.

 C.Use the private modifier to encapsulate data fields.

 D.Encapsulating data fields makes the program easy to maintain.

### 问题 57

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:  B.The default constructor is a no-arg constructor.

案:




C.A default constructor is provided automatically if no constructors are explicitly declared in the class.

### 问题 58

得 0 分, 满分 10 分

\_\_\_\_\_ can be accessed from any static method in the class.

所选答案:  [未给定]

正确答案:  B.A static variable

### 问题 59

得 0 分，满分 10 分

Variables that are shared by every instances of a class are \_\_\_\_\_.

所选答案:  [未给定]


正确答案:  B.class variables

**问题 60**

得 0 分，满分 10 分

A method that is associated with an individual object is called \_\_\_\_\_.

所选答案:  [未给定]

正确答案:  D.an instance method


**问题 61**

得 0 分，满分 10 分

Which of the following can be placed in the blank line in the following code?

```
public class Test {  
    private int id;  
  
    public void m1() {  
        _____.id = 45;  
    }  
}
```

所选答案:  [未给定]

正确答案:  A.this

**问题 62**

得 0 分，满分 10 分

\_\_\_\_\_ is invoked to create an object.

所选答案:  [未给定]


正确答案:  C.A constructor

**问题 63**

得 0 分，满分 10 分

To declare a constant MAX\_LENGTH as a member of the class, you write

所选答案:  [未给定]

正确答案:  B.final static double MAX\_LENGTH = 99.98;

**问题 64**

得 0 分，满分 10 分

The default constructor has no arguments.

所选答案:  [未给定]

正确答案:  A.true

### 问题 65

得 0 分, 满分 10 分

The internal state of an immutable class cannot be changed. String is an immutable class.

所选答案:  [未给定]

正确答案:  A.true

### 问题 66

得 0 分, 满分 10 分

What is the printout for the first statement in the main method?

```
public class Foo {
    static int i = 0;
    static int j = 0;

    public static void main(String[] args) {
        int i = 2;
        int k = 3;
        {
            int j = 3;
            System.out.println("i + j is " + i + j);
        }

        k = i + j;
        System.out.println("k is " + k);
        System.out.println("j is " + j);
    }
}
```

所选答案:  [未给定]

正确答案:  C.i + j is 23

### 问题 67

得 0 分, 满分 10 分

You can declare two variables with the same name in \_\_\_\_\_.

所选答案:  [未给定]

正确答案:  B.different methods in a class

### 问题 68

得 0 分, 满分 10 分

Array variable are reference variables.

所选答案:  [未给定]


正确答案:  A.true

## 问题 69

得 0 分，满分 10 分

You use the \_\_\_\_\_ operator to access members of an object.

所选答案:  [未给定]

正确答案:  A..

## 问题 70

得 0 分，满分 10 分

Java assigns a default value to a local variable in a method if the variable is not initialized.

所选答案:  [未给定]

正确答案:  B.false


## 问题 71

得 0 分，满分 10 分

Analyze the following code:

```
public class Test {  
    private int t;  
  
    public static void main(String[] args) {  
        int x;  
        System.out.println(t);  
    }  
}
```

所选答案:  [未给定]

正确答案:  E.t is non-static and it cannot be referenced in a static context in the main method.

## 问题 72

得 0 分，满分 10 分

Every instance data field f in the class can be referenced using this.f in an instance method the same class.

所选答案:  [未给定]

正确答案:  A.True

## 问题 73

得 0 分，满分 10 分

\_\_\_\_\_ is a construct that defines objects of the same type.

所选答案:  [未给定]

正确答案:  B.A class

### 问题 74

得 0 分, 满分 10 分

If the parameter is of a primitive type, both formal parameter and actual parameter reference to the same memory.

所选答案:  [未给定]

正确答案:  A.false

### 问题 75

得 0 分, 满分 10 分

You cannot use modifiers on local variables inside a method except final.


所选答案:  [未给定]


正确答案:  A.true

### 问题 76

得 0 分, 满分 10 分

Given the declaration `Circle[] x = new Circle[10]`, which of the following statement is most accurate?

所选答案:  [未给定]  
案:

正确答案:   
案: C.x contains a reference to an array and each element in the array can hold a reference to a Circle object.

### 问题 77

得 0 分, 满分 10 分

Each class in the file is compiled into a separate bytecode file.

所选答案:  [未给定]




正确答案:  A.true

### 问题 78

得 0 分, 满分 10 分

A constructor can access \_\_\_\_\_.

所选答案:  [未给定]


正确答案:  A.A public instance variable  
 B.A private instance variable  
 D.A static variable

## 问题 79

得 0 分, 满分 10 分

The order of methods in a class is immaterial.

所选答案:  [未给定]


正确答案:  B.true


## 问题 80


得 0 分, 满分 10 分

Which of the following are properties of a constructor?

所选答案:  [未给定]

正确答案:  A.A constructor is called using the new operator.

 B.Constructors may be overloaded.

 C.A constructor must have the same name as the class.

## 问题 81

得 0 分, 满分 10 分

What is the printout for the third statement in the main method?

```
public class Foo {
    static int i = 0;
    static int j = 0;

    public static void main(String[] args) {
        int i = 2;
        int k = 3;
        {
            int j = 3;
            System.out.println("i + j is " + i + j);
        }

        k = i + j;
        System.out.println("k is " + k);
        System.out.println("j is " + j);
    }
}
```

所选答案:  [未给定]

正确答案:  D.j is 0

## 问题 82

得 0 分, 满分 10 分

An immutable class cannot have \_\_\_\_\_.

所选答案:  [未给定]

正确答案:  C.public data fields

## 问题 83

得 0 分, 满分 10 分

A static method in a class can access the instance variables in the same class.

所选答案:  [未给定]

正确答案:  A.false

## 问题 84

得 0 分, 满分 10 分

What is the output of the following program?

```
import java.util.Date;


public class Test {
    public static void main(String[] args) {
        Date date = new Date(1234567);
        m1(date);
        System.out.print(date.getTime() + " ");

        m2(date);
        System.out.println(date.getTime());
    }

    public static void m1(Date date) {
        date = new Date(7654321);
    }

    public static void m2(Date date) {
        date.setTime(7654321);
    }
}
```

所选答案:  [未给定]

正确答案:  D.1234567 7654321

## 问题 85

得 0 分, 满分 10 分

You should add the static keyword in the place of ? in Line \_\_\_\_\_ in the following code:

```
1 public class Test {
2     private int age;
3
4     public ? int square(int n) {
5         return n * n;
6     }
7
8     public ? int getAge() {
9     }
10 }
```

所选答案:  [未给定]


正确答案:  A.in line 4


### 问题 86

得 0 分, 满分 10 分


To obtain the distance between the points (40, 50) and (5.5, 4.4), use \_\_\_\_\_.

所选答案:  [未给定]

正确答案:  A.new Point2D(5.5, 4.4).distance(40, 50)

 B.new Point2D(40, 50).distance(5.5, 4.4)

 D.new Point2D(40, 50).distance(new Point2D(5.5, 4.4))

 E.new Point2D(5.5, 4.4).distance(new Point2D(40, 50))

### 问题 87

得 0 分, 满分 10 分

Every instance data field f in the class can be referenced using this.f in a static method the same class.

所选答案:  [未给定]

正确答案:  B.False

### 问题 88

得 0 分, 满分 10 分

A static method in a class can access the class variables in the same class.

所选答案:  [未给定]

正确答案:  A.true

### 问题 89

得 0 分, 满分 10 分

Java assigns a default value to a data member of a class if the data is not initialized.

所选答案:  [未给定]

正确答案:  A.true

2019年11月20日 星期三 上午09时58分59秒 CST

← 确定