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资源库Content collection

192面向对象程序设计   Test   复查测验提交: 10th_Chapter07_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_Chapter07_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 810 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

What is the correct term for numbers[99]?

所选答案：   ❌ [未给定]

正确答案：   ✅ D.indexed variable

问题 2   得 0 分，满分 10 分

Which code fragment would correctly identify the number of arguments passed via the command line to a Java application, excluding the name of the class that is being invoked?

所选答案：   ❌ [未给定]

正确答案：   ✅ B.int count = args.length;

问题 3   得 0 分，满分 10 分

If a key is not in the list, the binarySearch method returns _____.

所选答案：   ❌ [未给定]

正确答案：   ✅ D.-(insertion point + 1)

问题 4   得 0 分，满分 10 分

```
In the following code, what is the printout for
list2?

class Test {
  public static void main(String[] args) {
    int[] list1 = {3, 2, 1};
    int[] list2 = {1, 2, 3};
    list2 = list1;
    list1[0] = 0; list1[1] = 1; list2[2] = 2;

    for (int i = list2.length - 1; i >= 0; i--)
      System.out.print(list2[i] + " ");
  }
}
```

所选答案：　❌ [未给定]

正确答案：　✅ C.2 1 0

问题 5

得 0 分，满分 10 分

The name length is a method in an array.

所选答案：　❌ [未给定]

正确答案：　✅ A.false

问题 6

得 0 分，满分 10 分

```
Consider the following code fragment:

int[] list = new int[10];
for (int i = 0; i <= list.length; i++) {
  list[i] = (int)(Math.random() * 10);
}

Which of the following statements is true?
```

所选答案：　❌ [未给定]

正确答案：　✅ C.The code has a runtime error indicating that the array is out of bound.

问题 7

得 0 分，满分 10 分

Suppose array a is int[] a = {1, 2, 3}, what is a[0] - a[2]?

所选答案：　❌ [未给定]

正确答案：　✅ A.-2

问题 8   得 0 分，满分 10 分

In the following code, what is the printout for
list1?

```
public class Test {
  public static void main(String[] args) {
    int[] list1 = {1, 2, 3};
    int[] list2 = {1, 2, 3};
    list2 = list1;
    list1[0] = 0; list1[1] = 1; list2[2] = 2;

    for (int i = 0; i < list1.length; i++)
      System.out.print(list1[i] + " ");
  }
}
```

所选答案: ❌ [未给定]

正确答案: ✅ D.0 1 2

问题 9   得 0 分，满分 10 分

Analyze the following code:

```
public class Test {
  public static void main(String[] args) {
    int[] oldList = {1, 2, 3, 4, 5};
    reverse(oldList);
    for (int i = 0; i < oldList.length; i++)
      System.out.print(oldList[i] + " ");
  }

  public static void reverse(int[] list) {
    int[] newList = new int[list.length];

    for (int i = 0; i < list.length; i++)
      newList[i] = list[list.length - 1 - i];

    list = newList;
  }
}
```

所选答案: ❌ [未给定]

正确答案: ✅ B.The program displays 1 2 3 4 5.

问题 10   得 0 分，满分 10 分

Analyze the following code.

```
public class Test {
  public static void main(String[] args) {
```

```
    int[] x = new int[3];
    System.out.println("x[0] is " + x[0]);
  }
}
```

所选答案：　❌ [未给定]

正确答案：　✅ B.The program runs fine and displays x[0] is 0.

问题 11
得 0 分，满分 10 分

Analyze the following code:

```
public class Test {
  public static void main(String[] args) {
    int[] a = new int[4];
    a[1] = 1;
    a = new int[2];
    System.out.println("a[1] is " + a[1]);
  }
}
```

所选答案：　❌ [未给定]

正确答案：　✅ D.The program displays a[1] is 0.

问题 12
得 0 分，满分 10 分

For the binarySearch method in Section 7.10.2, what is low and high after the first iteration of the while loop when invoking binarySearch(new int[]{1, 4, 6, 8, 10, 15, 20}, 11)?

所选答案：　❌ [未给定]

正确答案：　✅ E.low is 5 and high is 4

问题 13
得 0 分，满分 10 分

What is output of the following code：

```
public class Test {
  public static void main(String[] args) {
    int list[] = {1, 2, 3, 4, 5, 6};

    for (int i = 1; i < list.length; i++)
      list[i] = list[i - 1];

    for (int i = 0; i < list.length; i++)
      System.out.print(list[i] + " ");
  }
}
```

所选答案：　❌ [未给定]

正确答案: ✅ D.1 1 1 1 1 1

问题 14

得 0 分，满分 10 分

 The reverse method is defined in the textbook. What is list1 after executing the following statements?

```
int[] list1 = {1, 2, 3, 4, 5, 6};
list1 = reverse(list1);
```

所选答案: ❌ [未给定]

正确答案: ✅ B.list1 is 6 5 4 3 2 1

问题 15

得 0 分，满分 10 分

Analyze the following code:

```
public class Test {
  public static void main(String[] args) {
    int[] x = new int[5];
    int i;
    for (i = 0; i < x.length; i++)
      x[i] = i;
    System.out.println(x[i]);
  }
}
```

所选
答
案: ❌ [未给定]

正确
答
案: ✅ D.The program has a runtime error because the last statement in the main method causes ArrayIndexOutOfBoundsException.

问题 16

得 0 分，满分 10 分

Use the selectionSort method presented in this section to answer this question. Assume list is {3.1, 3.1, 2.5, 6.4, 2.1}, what is the content of list after the first iteration of the outer loop in the method?

所选答案: ❌ [未给定]

正确答案: ✅ D.2.1, 3.1, 2.5, 6.4, 3.1

问题 17

得 0 分，满分 10 分

Suppose int[] numbers = new int[10], what is numbers[0]?

所选答案: ❌ [未给定]

正确答案: ✅ C.0

问题 18
得 0 分, 满分 10 分

Which of the following is the correct header of the main method?

所选答案: ❌ [未给定]

正确答案: ✅ A.public static void main(String[] x)

✅ B.public static void main(String x[])

✅ D.public static void main(String[] args)

✅ E.public static void main(String args[])

问题 19
得 0 分, 满分 10 分

The element in the array must be of a primitive data type.

所选答案: ❌ [未给定]

正确答案: ✅ A.false

问题 20
得 0 分, 满分 10 分

What is the output of the following code?

```
int[] myList = {1, 2, 3, 4, 5, 6};

for (int i = myList.length - 2; i >= 0; i--) {
  myList[i + 1] = myList[i];
}

for (int e: myList)
  System.out.print(e + " ");
```

所选答案: ❌ [未给定]

正确答案: ✅ B.1 1 2 3 4 5

问题 21
得 0 分, 满分 10 分

```
Given the following program:

public class Test {
  public static void main(String[] args) {
    for (int i = 0; i < args.length; i++) {
      System.out.print(args[i] + " ");
    }
  }
}
```

What is the output, if you run the program using

```
java Test 1 2 3
```

所选答案: ❌ [未给定]

正确答案: ✅ B.1 2 3

问题 22

得 0 分，满分 10 分

Assume int[] scores = {1, 20, 30, 40, 50}, what is the output of System.out.println(java.util.Arrays.toString(scores))?

所选答案: ❌ [未给定]

正确答案: ✅ D.[1, 20, 30, 40, 50]

问题 23

得 0 分，满分 10 分

_____ declares an array of char.

所选答案: ❌ [未给定]

正确答案: ✅ B.char[] chars

           ✅ D.char chars[]

问题 24

得 0 分，满分 10 分

```
Analyze the following code:

public class Test {
  public static void main(String[] args) {
    double[] x = {2.5, 3, 4};
    for (double value: x)
      System.out.print(value + " ");
  }
}
```

所选答案: ❌ [未给定]

正确答案: ✅ A.The program displays 2.5 3.0 4.0

问题 25

得 0 分，满分 10 分

```
In the following code, what is the printout for
list2?

public class Test {
  public static void main(String[] args) {
    int[] list1 = {1, 2, 3};
    int[] list2 = {1, 2, 3};
    list2 = list1;
    list1[0] = 0; list1[1] = 1; list2[2] = 2;
```

```
        for (int i = 0; i < list2.length; i++)
            System.out.print(list2[i] + " ");
    }
}
```

所选答案：　　❌ [未给定]

正确答案：　　✅ C.0 1 2

问题 26　　　　　　　　　　　　　　　　　　　　得 0 分，满分 10 分

The arraycopy method does not allocate memory space for the target array. The target array must already be created with memory space allocated.

所选答案：　　❌ [未给定]

正确答案：　　✅ A.true

问题 27　　　　　　　　　　　　　　　　　　　　得 0 分，满分 10 分

How can you initialize an array of two characters to 'a' and 'b'?

所选答案：　　❌ [未给定]

正确答案：　　✅ B.char[] charArray = new char[]{'a', 'b'};

　　　　　　　✅ D.char[] charArray = {'a', 'b'};

问题 28　　　　　　　　　　　　　　　　　　　　得 0 分，满分 10 分

```
What is the output of the following code?

double[] myList = {1, 5, 5, 5, 5, 1};
double max = myList[0];
int indexOfMax = 0;
for (int i = 1; i < myList.length; i++) {
  if (myList[i] >= max) {
    max = myList[i];
    indexOfMax = i;
  }
}
System.out.println(indexOfMax);
```

所选答案：　　❌ [未给定]

正确答案：　　✅ D.4

问题 29　　　　　　　　　　　　　　　　　　　　得 0 分，满分 10 分

```
The reverse method is defined in this section. What
is list1 after executing the following statements?
```

```
int[] list1 = {1, 2, 3, 4, 5, 6};
int[] list2 = reverse(list1);
```

所选答案: ❌ [未给定]

正确答案: ✅ B.list1 is 1 2 3 4 5 6

问题 30   得 0 分，满分 10 分

```
Analyze the following code:

public class Test {
  public static void main(String[] args) {
    int[] x = new int[5];
    for (int i = 0; i < x.length; i++)
      x[i] = i;
    System.out.println(x[i]);
  }
}
```

所选答 ❌ [未给定]
案:

正确答 ✅
案: B.The program has a syntax error because i is not defined in the last
         statement in the main method.

问题 31   得 0 分，满分 10 分

When you pass an array to a method, the method receives _____.

所选答案: ❌ [未给定]

正确答案: ✅ C.the reference of the array

问题 32   得 0 分，满分 10 分

The array index is not limited to int type.

所选答案: ❌ [未给定]

正确答案: ✅ B.false

问题 33   得 0 分，满分 10 分

Assume int[] t = {1, 2, 3, 4}. What is t.length?

所选答案: ❌ [未给定]

正确答案: ✅ D.4

问题 34   得 0 分，满分 10 分

The _____ method sorts the array scores of the double[] type.

所选答案： ❌ [未给定]

正确答案： ✅ B.java.util.Arrays.sort(scores)

问题 35   得 0 分，满分 10 分

x.length does not exist if x is null.

所选答案： ❌ [未给定]

正确答案： ✅ B.true

问题 36   得 0 分，满分 10 分

```
Given the following statement
    int[] list = new int[10];
```

所选答案： ❌ [未给定]

正确答案： ✅
B.The array variable list contains a memory address that refers to an array of 10 int values.

问题 37   得 0 分，满分 10 分

Assume int[] scores = {1, 20, 30, 40, 50}, what value does java.util.Arrays.binarySearch(scores, 3) return?

所选答案： ❌ [未给定]

正确答案： ✅ E.-2

问题 38   得 0 分，满分 10 分

You can use the operator == to check whether two variables refer to the same array.

所选答案： ❌ [未给定]

正确答案： ✅ B.true

问题 39   得 0 分，满分 10 分

Binary search can be applied on an unsorted list.

所选答案： ❌ [未给定]

正确答案：　✅　B.false

问题 40

得 0 分，满分 10 分

Assume double[] scores = {1, 2, 3, 4, 5}, what value does java.util.Arrays.binarySearch(scores, 3.5) return?

所选答案：　❌　[未给定]

正确答案：　✅　D.-4

问题 41

得 0 分，满分 10 分

```
Analyze the following code:

public class Test {
  public static void main(String[] args) {
    final int[] x = {1, 2, 3, 4};
    int[] y = x;

    x = new int[2];

    for (int i = 0; i < y.length; i++)
      System.out.print(y[i] + " ");
  }
}
```

所选答案：　❌　[未给定]

正确答案：　✅　C.The program has a compile error on the statement x = new int[2], because x is final and cannot be changed.

问题 42

得 0 分，满分 10 分

```
 Analyze the following code.

int[] list = new int[5];
list = new int[6];
```

所选答案：　❌　[未给定]

正确答案：　✅　C.The code can compile and run fine. The second line assigns a new array to list.

问题 43

得 0 分，满分 10 分

The JVM stores the array in an area of memory, called _____, which is used for dynamic memory allocation where blocks of memory are allocated and freed in an arbitrary order.

所选答案： ❌ [未给定]

正确答案： ✅ A.heap

问题 44

得 0 分，满分 10 分

When you return an array from a method, the method returns _____.

所选答案： ❌ [未给定]

正确答案： ✅ B.the reference of the array

问题 45

得 0 分，满分 10 分

Assume int[] scores = {1, 20, 30, 40, 50}, what value does java.util.Arrays.binarySearch(scores, 30) return?

所选答案： ❌ [未给定]

正确答案： ✅ D.2

问题 46

得 0 分，满分 10 分

Which of the following is correct to create an array?

所选答案： ❌ [未给定]

正确答案： ✅ D.int[] m = {1, 2, 3};

问题 47

得 0 分，满分 10 分

If you declare an array double[] list = {3.4, 2.0, 3.5, 5.5}, the highest index in array list is _____.

所选答案： ❌ [未给定]

正确答案： ✅ A.3

问题 48

得 0 分，满分 10 分

```
Identify the problems in the following code.

public class Test {
  public static void main(String argv[]) {
    System.out.println("argv.length is " +
argv.length);
  }
}
```

所选答 ❌ [未给定]
案：

正确答 ✅
案： B.If you run this program without passing any arguments, the program would display argv.length is 0.

问题 49 得 0 分，满分 10 分

```
Analyze the following code:

public class Test1 {
  public static void main(String[] args) {
    xMethod(new double[]{3, 3});
    xMethod(new double[5]);
    xMethod(new double[3]{1, 2, 3});
  }

  public static void xMethod(double[] a) {
    System.out.println(a.length);
  }
}
```

所选答 ❌ [未给定]
案：

正确答 ✅
案： C.The program has a compile error because xMethod(new double[3]{1, 2, 3}) is incorrect.

问题 50 得 0 分，满分 10 分

Which of the following declarations are correct?

所选答案： ❌ [未给定]
正确答案： ✅ C.int[] list = {1, 2, 3, 4};
✅ D.int[] list = new int[]{1, 2, 3, 4};

问题 51 得 0 分，满分 10 分

```
Assume the signature of the method xMethod is as
follows.

public static void xMethod(double[] a)

Which of the following could be used to invoke xMeth
od?
```

所选答案： ❌ [未给定]
正确答案： ✅ D.xMethod(new double[2]);

问题 52

得 0 分，满分 10 分

Which of the following statements is valid?

所选答案： ❌ [未给定]

正确答案： ✅ B.double d[] = new double[30];

✅ C.int[] i = {3, 4, 3, 2};

问题 53

得 0 分，满分 10 分

```
Suppose a method p has the following heading:

public static int[] p()

What return statement may be used in p()?
```

所选答案： ❌ [未给定]

正确答案： ✅ B.return new int[]{1, 2, 3};

问题 54

得 0 分，满分 10 分

Which of the following is correct?

所选答案： ❌ [未给定]

正确答案： ✅ A.String[] list = {"red", "yellow", "green"};

✅ B.String[] list = new String[]{"red", "yellow", "green"};

问题 55

得 0 分，满分 10 分

```
 What is output of the following code:

public class Test {
  public static void main(String[] args) {
    int[] x = {120, 200, 016};
    for (int i = 0; i < x.length; i++)
      System.out.print(x[i] + " ");
  }
}
```

所选答案： ❌ [未给定]

正确答案： ✅ D.120 200 14

问题 56

得 0 分，满分 10 分

The _____ method copies the sourceArray to the targetArray.

所选答
案： ❌ [未给定]

正确答
案: ✅   C.System.arraycopy(sourceArray, 0, targetArray, 0,
              sourceArray.length);

问题 57   得 0 分，满分 10 分

```
Show the output of the following code:

public class Test {
  public static void main(String[] args) {
    int[] x = {1, 2, 3, 4, 5};
    increase(x);

    int[] y = {1, 2, 3, 4, 5};
    increase(y[0]);

    System.out.println(x[0] + " " + y[0]);
  }

  public static void increase(int[] x) {
    for (int i = 0; i < x.length; i++)
      x[i]++;
  }

  public static void increase(int y) {
    y++;
  }
}
```

所选答案: ❌   [未给定]

正确答案: ✅   D.2 1

问题 58   得 0 分，满分 10 分

If you declare an array double[] list = {3.4, 2.0, 3.5, 5.5}, list[1] is _____.

所选答案: ❌   [未给定]

正确答案: ✅   B.2.0

问题 59   得 0 分，满分 10 分

```
What is the output of the following code?

    int[] myList = {1, 2, 3, 4, 5, 6};
    for (int i = 1; i < myList.length; i++) {
      myList[i - 1] = myList[i];
    }

    for (int e: myList)
      System.out.print(e + " ");
```

所选答案:　❌ [未给定]

正确答案:　✅ C. 2 3 4 5 6 6

问题 60　　　　　　　　　　　　　　　　　　　　得 0 分，满分 10 分

What is the representation of the third element in an array called a?

所选答案:　❌ [未给定]

正确答案:　✅ D. a[2]

问题 61　　　　　　　　　　　　　　　　　　　　得 0 分，满分 10 分

```
How can you get the word "abc" in the main method
from the following call?

java Test "+" 3 "abc" 2
```

所选答案:　❌ [未给定]

正确答案:　✅ B. args[2]

问题 62　　　　　　　　　　　　　　　　　　　　得 0 分，满分 10 分

```
Analyze the following code:

public class Test {
  public static void main(String[] args) {
    int[] x = {0, 1, 2, 3, 4, 5};
    xMethod(x, 5);
  }

  public static void xMethod(int[] x, int length) {
    for (int i = 0; i < length; i++)
      System.out.print(" " + x[i]);
  }
}
```

所选答案:　❌ [未给定]

正确答案:　✅ D. The program displays 0 1 2 3 4.

问题 63　　　　　　　　　　　　　　　　　　　　得 0 分，满分 10 分

```
 Given the following statement
     int[] list = new int[10];
   list.length has the value _____.
```

所选答案:　❌ [未给定]

正确答案:　✅ A. 10

问题 64

得 0 分，满分 10 分

Which of the following declarations are correct?

所选答案： ❌ [未给定]

正确答案： ✅ A.public static void print(double... numbers)

✅ B.public static void print(int n, double... numbers)

问题 65

得 0 分，满分 10 分

Which of the following is incorrect?

所选答案： ❌ [未给定]

正确答案： ✅ B.int a() = new int[2];

✅ C.int[] a = new int(2);

✅ D.int a = new int[2];

问题 66

得 0 分，满分 10 分

```
Analyze the following code:

public class Test {
  public static void main(String[] args) {
    int[] x = {1, 2, 3, 4};
    int[] y = x;

    x = new int[2];

    for (int i = 0; i < y.length; i++)
      System.out.print(y[i] + " ");
  }
}
```

所选答案： ❌ [未给定]

正确答案： ✅ B.The program displays 1 2 3 4

问题 67

得 0 分，满分 10 分

The array size is specified when the array is declared.

所选答案： ❌ [未给定]

正确答案： ✅ B.false

问题 68

得 0 分，满分 10 分

Use the selectionSort method presented in this
section to answer this question. What is list1 after
executing the following statements?

```
double[] list1 = {3.1, 3.1, 2.5, 6.4};
selectionSort(list1);
```

所选答案: ❌ [未给定]

正确答案: ✅ B.list1 is 2.5 3.1, 3.1, 6.4

问题 69   得 0 分, 满分 10 分

The arguments passed to the main method is an array of strings. If no argument is
passed, args.length is 0.

所选答案: ❌ [未给定]

正确答案: ✅ A.true

问题 70   得 0 分, 满分 10 分

An array can be used in which of the following ways?

所选答案: ❌ [未给定]

正确答案: ✅ D.All of the above

问题 71   得 0 分, 满分 10 分

Which of the following statements are correct to invoke the printMax method in
Listing 7.5 in the textbook?

所选答案: ❌ [未给定]

正确答案: ✅ B.printMax(1.0, 2.0, 2.0, 1.0, 4.0);

         ✅ C.printMax(1, 2, 2, 1, 4);

         ✅ D.printMax(new double[]{1, 2, 3});

问题 72   得 0 分, 满分 10 分

What would be the result of attempting to compile
and run the following code?

```
public class Test {
  public static void main(String[] args) {
    double[] x = new double[]{1, 2, 3};
    System.out.println("Value is " + x[1]);
  }
}
```

所选答
案: ❌ [未给定]

正确答
案：　　　　✅

　　　　　B.The program compiles and runs fine and the output "Value is 2.0" is printed.

问题 73   得 0 分，满分 10 分

Suppose int i = 5, which of the following can be used as an index for array double[] t = new double[100]?

所选答案：　❌　[未给定]

正确答案：　✅　C.i + 10

　　　　　　✅　D.i

　　　　　　✅　E.(int)(Math.random() * 100))

问题 74   得 0 分，满分 10 分

The array index of the first element in an array is 0.

所选答案：　❌　[未给定]

正确答案：　✅　A.true

问题 75   得 0 分，满分 10 分

Which correctly creates an array of five empty Strings?

所选答案：　❌　[未给定]

正确答案：　✅　C.String[] a = {"", "", "", "", ""};

问题 76   得 0 分，满分 10 分

```
Analyze the following code:

public class Test {
  public static void main(String[] args) {
    int[] x = {1, 2, 3, 4};
    int[] y = x;

    x = new int[2];

    for (int i = 0; i < x.length; i++)
      System.out.print(x[i] + " ");
  }
}
```

所选答案：　❌　[未给定]

正确答案：　✅　C.The program displays 0 0

问题 77   得 0 分，满分 10 分

Do the following two programs produce the same
result?

Program I:
```
public class Test {
  public static void main(String[] args) {
    int[] list = {1, 2, 3, 4, 5};
    reverse(list);
    for (int i = 0; i < list.length; i++)
      System.out.print(list[i] + " ");
  }

  public static void reverse(int[] list) {
    int[] newList = new int[list.length];

    for (int i = 0; i < list.length; i++)
      newList[i] = list[list.length - 1 - i];

    list = newList;
  }
}
```

Program II:
```
public class Test {
  public static void main(String[] args) {
    int[] oldList = {1, 2, 3, 4, 5};
    reverse(oldList);
    for (int i = 0; i < oldList.length; i++)
      System.out.print(oldList[i] + " ");
  }

  public static void reverse(int[] list) {
    int[] newList = new int[list.length];

    for (int i = 0; i < list.length; i++)
      newList[i] = list[list.length - 1 - i];

    list = newList;
  }
}
```

所选答案: ❌ [未给定]

正确答案: ✅ B.Yes

问题 78   得 0 分，满分 10 分

Which of the following are valid array declarations?

所选答案: ❌ [未给定]

正确答案: ✅ A.char[] charArray = new char[26];

问题 79   得 0 分，满分 10 分

An array variable can be declared and redeclared in the same block.

所选答案：   ❌ [未给定]

正确答案：   ✅ B.false

问题 80   得 0 分，满分 10 分

How many elements are in array double[] list = new double[5]?

所选答案：   ❌ [未给定]

正确答案：   ✅ C.5

问题 81   得 0 分，满分 10 分

```
What is the output of the following code?

double[] myList = {1, 5, 5, 5, 5, 1};
double max = myList[0];
int indexOfMax = 0;
for (int i = 1; i < myList.length; i++) {
  if (myList[i] > max) {
    max = myList[i];
    indexOfMax = i;
  }
}
System.out.println(indexOfMax);
```

所选答案：   ❌ [未给定]

正确答案：   ✅ A.1

2019年11月20日 星期三 上午09时58分23秒 CST

← 确定