

192面向对象程序设计

Test

复查测验提交: 10th_chapter10_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_chapter10_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 560 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

Which of the following classes are immutable?

所选答案:  [未给定]

正确答案:  A.Double
 B.BigInteger
 C.String
 D.BigDecimal
 E.Integer

问题 2

得 0 分, 满分 10 分

Which of the following is the correct statement to return a string from an array a of characters?

所选答案:  [未给定]正确答案:  C.new String(a)

问题 3

得 0 分, 满分 10 分

What is displayed by the following code?

```
System.out.print("Hi, ABC, good".matches("ABC ")
+ " ");
System.out.println("Hi, ABC,
good".matches(".*ABC.*"));
```

所选答案:  [未给定]

正确答案:  B.false true


问题 4

得 0 分, 满分 10 分

Analyze the following code.

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

所选
答
案:  [未给定]

正确
答
案:  A.The program has a compilation error because s is not initialized, but it is referenced in the println statement.

问题 5

得 0 分, 满分 10 分

Which of the following statements convert a double value d into a string s?

所选答案:  [未给定]

正确答案:  A.s = (new Double(d)).toString();


问题 6

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("Welcome to Java");  
        String s2 = s1;  
  
        s1 += "and Welcome to HTML";  
  
        if (s1 == s2)  
            System.out.println("s1 and s2 reference to the  
same String object");  
        else  
            System.out.println("s1 and s2 reference to  
different String objects");  
    }  
}
```

所选答案:  [未给定]





正确答案:  B.s1 and s2 reference to different String objects

问题 7

得 0 分, 满分 10 分

_____ returns a string.

所选答案:  [未给定]




正确答案:  A.String.valueOf(12.53)
 B.String.valueOf(false)
 C.String.valueOf(new char[]{'a', 'b', 'c'})
 D.String.valueOf(123)

问题 8

得 0 分, 满分 10 分

Suppose s1 and s2 are two strings. Which of the following statements or expressions are incorrect?

所选答案:  [未给定]

正确答案:  B.s1.charAt(0) = '5'
 D.int i = s1.length
 E.s1 >= s2

问题 9

得 0 分, 满分 10 分

The StringBuilder methods _____ not only change the contents of a string buffer, but also returns a reference to the string buffer.

所选答案:  [未给定]

正确答案:  A.append
 B.replace
 C.delete
 D.reverse
 E.insert

问题 10

得 0 分, 满分 10 分

What is the output of the following code?

```
String s = "University";  
s.replace("i", "ABC");  
System.out.println(s);
```

所选答案:  [未给定]

正确答案:  C.University

问题 11

得 0 分, 满分 10 分

Two strings with same contents are ALWAYS allocated to the same object.

所选答案:  [未给定]

正确答案:  A.false


问题 12





得 0 分, 满分 10 分

In JDK 1.5, analyze the following code.

```
Line 1: Integer[] intArray = {1, 2, 3};
Line 2: int i = intArray[0] + intArray[1];
Line 3: int j = i + intArray[2];
Line 4: double d = intArray[0];
```

所选答案:  [未给定]
案:

正确答案: 
案:

-  A.It is OK to mix an int value with an Integer object in an expression in Line 3.
-  B.It is OK to assign 1, 2, 3 to an array of Integer objects in JDK 1.5.
-  C.It is OK to automatically convert an Integer object to an int value in Line 2.
-  D.Line 4 is OK. An int value from intArray[0] object is assigned to a double variable d.

问题 13

得 0 分, 满分 10 分

_____ is attached to the class of the composing class to denote the aggregation relationship with the composed object.

所选答案:  [未给定]

正确答案:  A.An empty diamond

问题 14

得 0 分, 满分 10 分

Assume s is "ABCABC", the method _____ returns an array of characters.

所选答案:  [未给定]

正确答案:  E.s.toCharArray()

问题 15

得 0 分, 满分 10 分

What is displayed by the following code?

```
String[] tokens = "A,B;C;D".split("[,;]");
```

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

所选答案:  [未给定]

正确答案:  C.A B C D

问题 16

得 0 分, 满分 10 分

Assume StringBuilder strBuf is "ABCCEFC", after invoking _____, strBuf contains "ABTTEFT".

所选答案:  [未给定]

正确答案:  C.strBuf.replace(2, 7, "TTEFT")

问题 17

得 0 分, 满分 10 分

To create an instance of BigDecimal for 454.45, use

所选答案:  [未给定]

正确答案:  D.new BigDecimal("454.45");

问题 18

得 0 分, 满分 10 分

You cannot append a string to a string buffer if the resulting new string exceeds the capacity.

所选答案:  [未给定]

正确答案:  B.false

问题 19

得 0 分, 满分 10 分

What is the printout of the following code?

```
String s1 = "Welcome to Java";  
String s2 = "Welcome to Java";  
System.out.println("s1 == s2 is " + s1 == s2);
```

所选答案:  [未给定]

正确答案:  D.false

问题 20

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("Welcome to Java!");
String s2 = new String("Welcome to Java!");

if (s1.equals(s2))
    System.out.println("s1 and s2 have the same
contents");
else
    System.out.println("s1 and s2 have different
contents");
}
```

所选答案:  [未给定]

正确答案:  A.s1 and s2 have the same contents

问题 21


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("Welcome to Java!");
        String s2 = s1.toUpperCase();

        if (s1 == s2)
            System.out.println("s1 and s2 reference to the
same String object");
        else if (s1.equals(s2))
            System.out.println("s1 and s2 have the same
contents");
        else
            System.out.println("s1 and s2 have different
contents");
    }
}
```

所选答案:  [未给定]





正确答案:  A.s1 and s2 have different contents

问题 22

得 0 分, 满分 10 分

Which of the following is true?

所选答案:  [未给定]

- 正确答案:  A.The capacity of a string buffer can be automatically adjusted.
-  B.You can delete characters into a string buffer.
-  C.You can add characters into a string buffer.
-  D.You can reverse the characters in a string buffer.

问题 23

得 0 分, 满分 10 分

To get a string from the StringBuffer, you use the toString method.

所选答案:  [未给定]

正确答案:  B.true


问题 24

得 0 分, 满分 10 分

The method equals, compareTo, charAt, and length are in the _____ class.

所选答案:  [未给定]

正确答案:  A.StringBuffer

 B.String

 D.StringBuilder

问题 25

得 0 分, 满分 10 分

What is displayed by the following code?

```
System.out.print("A,B;C".replaceAll(",;", "#") +  
" ");  
System.out.println("A,B;C".replaceAll("[,;]",  
"#"));
```

所选答案:  [未给定]

正确答案:  A.A,B;C A#B#C

问题 26


得 0 分, 满分 10 分


Which of the following statements will convert a string s into i of int type?

所选答案:  [未给定]

正确答案:  A.i = (new Integer(s)).intValue();

 C.i = Integer.parseInt(s);

 D.i = (int)(Double.parseDouble(s));

 E.i = Integer.valueOf(s).intValue();

问题 27

得 0 分, 满分 10 分

Which of the following statements is correct?

所选答案:  [未给定]




正确答案:  A.Integer.parseInt("100");

 D.Integer.parseInt("345", 8);

问题 28

得 0 分, 满分 10 分

Assume s is "ABCABC", the method _____ returns a new string "aBCaBC".

所选答案:  [未给定]
正确答案:  C.s.replace('A', 'a')
 E.s.replace("ABCABC", "aBCaBC")

问题 29

得 0 分, 满分 10 分

What is the print out of the following code?

```
String s = "Welcome to Java";  
s.replaceAll("a", "BB");  
System.out.println(s);
```

所选答案:  [未给定]
正确答案:  A.Welcome to Java

问题 30

得 0 分, 满分 10 分

What is displayed by the following statement?
`System.out.println("Java is neat".replaceAll("is", "AAA"));`

所选答案:  [未给定]
正确答案:  A.Java AAA neat

问题 31

得 0 分, 满分 10 分



What is the output of `Integer.parseInt("10", 2)?`

所选答案:  [未给定]
正确答案:  B.2;

问题 32

得 0 分, 满分 10 分



To create an instance of `BigInteger` for 454, use

所选答案:  [未给定]
正确答案:  B.new BigInteger("454");

问题 33

得 0 分, 满分 10 分

Assume `StringBuilder` `strBuf` is "ABCDEFGH", after invoking _____, `strBuf` contains "ABCRRRRDEFG".

所选答案:  [未给定]
正确答案:  B.strBuf.insert(3, "RRRR")


问题 34

得 0 分, 满分 10 分

What is the output of the following code?

```
public class Test {  
    public static void main(String[] args) {  
        java.math.BigInteger x = new  
java.math.BigInteger("3");  
        java.math.BigInteger y = new  
java.math.BigInteger("7");  
        x.add(y);  
        System.out.println(x);  
    }  
}
```

所选答案:  [未给定]

正确答案:  D.3

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) {  
        String s1 = new String("Welcome to Java!");  
        String s2 = new String("Welcome to Java!");  
  
        if (s1 == s2)  
            System.out.println("s1 and s2 reference to the  
same String object");  
        else  
            System.out.println("s1 and s2 reference to  
different String objects");  
    }  
}
```

所选答案:  [未给定]

正确答案:  A.s1 and s2 reference to different String objects

问题 36

得 0 分, 满分 10 分

To construct a StringBuffer for a string, you use the StringBuffer's constructor with a String argument.

所选答案:  [未给定]


正确答案:  B.true

问题 37

得 0 分, 满分 10 分

BigInteger and BigDecimal are immutable

所选答案:  [未给定]

正确答案:  A.true

问题 38

得 0 分, 满分 10 分

Which of the following statements will convert a string s into a double value d?

所选答案:  [未给定]

正确答案:  D.All of the above.

问题 39

得 0 分, 满分 10 分


Analyze the following code.

```
class Test {  
    public static void main(String[] args) {  
        StringBuilder strBuf = new StringBuilder(4);  
        strBuf.append("ABCDE");  
        System.out.println("What's strBuf.charAt(5)? " +  
strBuf.charAt(5));  
    }  
}
```

所选  [未给定]

答

案:

正确 

答 D.The program has a runtime error because the length of the string in the
案: buffer is 5 after "ABCDE" is appended into the buffer. Therefore,
strBuf.charAt(5) is out of range.

问题 40

得 0 分, 满分 10 分

In JDK 1.5, you may directly assign a primitive data type value to a wrapper object.
This is called _____.

所选答案:  [未给定]

正确答案:  D.auto boxing

问题 41

得 0 分, 满分 10 分

If your string does not require any changes, you should use String rather than
StringBuffer to improve performance.

所选答案:  [未给定]


正确答案:  B.true

问题 42

得 0 分, 满分 10 分

An aggregation relationship is usually represented as _____ in _____.

所选答案:  [未给定]


正确答案:  C.a data field/the aggregating class

问题 43

得 0 分, 满分 10 分

Which of the following statements are correct? (可以不做此题)

所选答案:  [未给定]

正确答案:  A.new java.math.BigInteger("343");

 D.new java.math.BigDecimal("343.445");

问题 44

得 0 分, 满分 10 分

_____ returns the last character in a StringBuilder variable named strBuf?

所选答案:  [未给定]


正确答案:  C.strBuf.charAt(strBuf.length() - 1)

问题 45

得 0 分, 满分 10 分

Which of the following statements is preferred to create a string "Welcome to Java"?

所选答案:  [未给定]

正确答案:  A.String s = "Welcome to Java";

问题 46

得 0 分, 满分 10 分

The following program displays _____.

```
public class Test {  
    public static void main(String[] args) {  
        String s = "Java";  
        StringBuilder buffer = new StringBuilder(s);  
        change(buffer);  
        System.out.println(buffer);  
    }  
  
    private static void change(StringBuilder buffer) {  
        buffer.append(" and HTML");  
    }  
}
```

```
}  
}
```

所选答案:  [未给定]正确答案:  D.Java and HTML**问题 47**

得 0 分, 满分 10 分

Assume s is " abc ", the method _____ returns a new string "abc".

所选答案:  [未给定]正确答案:  D.s.trim()**问题 48**

得 0 分, 满分 10 分


The replace method in the String class replaces a character in the string. So it does change the content of the string.

所选答案:  [未给定]正确答案:  A.false**问题 49**

得 0 分, 满分 10 分

To add BigInteger b1 to b2, you write _____.

补充题目理解: 把b1的值加到b2上, 会生成一个新的对象, 新对象赋值给b2


所选答案:  [未给定]正确答案:  B.b2 = b2.add(b1); D.b2 = b1.add(b2);**问题 50**

得 0 分, 满分 10 分

The following program displays _____.

```
public class Test {  
    public static void main(String[] args) {  
        String s = "Java";  
        StringBuilder buffer = new StringBuilder(s);  
        change(s);  
        System.out.println(s);  
    }  
  
    private static void change(String s) {  
        s = s + " and HTML";  
    }  
}
```

所选答案:  [未给定]

正确答案:  A.Java

问题 51

得 0 分, 满分 10 分

What is displayed by the following code?

```
public static void main(String[] args) {  
    String[] tokens = "Welcome to Java".split("o");  
    for (int i = 0; i < tokens.length; i++) {  
        System.out.print(tokens[i] + " ");  
    }  
}
```

所选答案:  [未给定]


正确答案:  C.Welc me t Java

问题 52

得 0 分, 满分 10 分

Assume StringBuilder strBuf is "ABCDEFGF", after invoking _____, strBuf contains "AEFG".

所选答案:  [未给定]

正确答案:  B.strBuf.delete(1, 4)

问题 53

得 0 分, 满分 10 分

To divide BigDecimal b1 by b2 and assign the result to b1, you write _____.

所选答案:  [未给定]

正确答案:  D.b1 = b1.divide(b2);

问题 54


得 0 分, 满分 10 分

Which of the following is an object?

所选答案:  [未给定]

正确答案:  B.new String("abc");

 C.new Date()

 D."abc"

问题 55


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 = "Welcome to Java!";  
        String s2 = "Welcome to Java!";  
    }  
}
```

```
        if (s1 == s2)
            System.out.println("s1 and s2 reference to the
same String object");
        else
            System.out.println("s1 and s2 reference to
different String objects");
    }
}
```

所选答案:  [未给定]

正确答案:  B.s1 and s2 reference to the same String object

问题 56

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 = "Welcome to Java!";
        String s2 = s1;

        if (s1 == s2)
            System.out.println("s1 and s2 reference to the
same String object");
        else
            System.out.println("s1 and s2 reference to
different String objects");
    }
}
```

所选答案:  [未给定]

正确答案:  B.s1 and s2 reference to the same String object

2019年11月20日 星期三 上午09时59分23秒 CST

← 确定