CS6312: Program Construction II [S18]

QUIZ NAVIGATION

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Completed on	Sunday, January 14, 2018, 7:03 PM
Time taken	9 mins 28 secs
Grade	**9.00** out of 10.00 (**90**%)

Question 1

Correct

1.00 points out of 1.00

⚑ Flag question

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

Select one:
- ○ a. d = Double.valueOf(s).doubleValue();
- ○ b. d = (new Double(s)).doubleValue();
- ○ c. d = Double.parseDouble(s);
- ⦿ d. All of these. ✓

Question 2

Correct

1.00 points out of 1.00

⚑ Flag question

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] + " ");
    }
}
```

Select one:
- ○ a. Welc me to Java
- ⦿ b. Welc me t Java ✓
- ○ c. Welcome to Java
- ○ d. Welcome t Java

Question 3

Incorrect

0.00 points out of 1.00

⚑ Flag question

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

Select one:
- ○ a. strBuf.delete(2, 4)
- ⦿ b. strBuf.delete(1, 3) ✗
- ○ c. strBuf.delete(0, 3)
- ○ d. strBuf.delete(1, 4)

Question 4

Correct

1.00 points out of 1.00

⚑ Flag question

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

Select one:
- ○ a. strBuf.replace("C", "T")
- ○ b. strBuf.replace("CC", "TT")
- ○ c. strBuf.replace('C', 'T')
- ○ d. strBuf.replace('C', "TT")
- ⦿ e. strBuf.replace(2, 7, "TTEFT") ✓

Question 5

Correct

1.00 points out of 1.00

⚑ Flag question

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

Select one:
- ⦿ a. false ✓
- ○ b. true

Question 6

Correct

1.00 points out of 1.00

⚑ Flag question

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

Select one:
- ○ a. auto unboxing
- ○ b. auto conversion
- ○ c. auto casting
- ⦿ d. auto boxing ✓

Question 7

Correct

1.00 points out of 1.00

⚑ Flag question

BigInteger and BigDecimal are immutable

Select one:
- ⦿ a. true ✓
- ○ b. false

Question 8

Correct

1.00 points out of 1.00

⚑ Flag question

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

Select one or more:
- ☐ a. s.replace('a', 'A')
- ☑ b. s.replace('A', 'a') ✓
- ☐ c. s.toLowerCase(s)
- ☐ d. s.toLowerCase()
- ☑ e. s.replace("ABCABC", "aBCaBC") ✓

Question 9

Correct

1.00 points out of 1.00

⚑ Flag question

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

Select one:
- ○ a. toChars(s)
- ○ b. String.toCharArray()
- ⦿ c. s.toCharArray() ✓
- ○ d. s.toChars()
- ○ e. String.toChars()

Question 10

Correct

1.00 points out of 1.00

⚑ Flag question

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";
    }
}
```

Select one:
- ○ a. and HTML
- ⦿ b. Java ✓
- ○ c. Java and HTML
- ○ d. nothing is displayed

Finish review