

1) 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");  
    }  
}
```

- A. s1 and s2 reference to the same String object
- B. s1 and s2 reference to different String objects

2) 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");  
    }  
}
```

- A. s1 and s2 reference to the same String object
- B. s1 and s2 reference to different String objects

3) 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");  
    }  
}
```

- A. s1 and s2 reference to the same String object
- B. s1 and s2 reference to different String objects

4) Suppose s1 and s2 are two strings. What is the result of the following code?

```
s1.equals(s2) == s2.equals(s1)
```

- A. true
- B. false

5) 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");
    }
}
```

- A. s1 and s2 have the same contents
- B. s1 and s2 have different contents

6) 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");
    }
}
```

- A. s1 and s2 reference to the same String object
- B. s1 and s2 have the same contents
- C. s1 and s2 have different contents

6) 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");
    }
}
```

- A. s1 and s2 reference to the same String object
- B. s1 and s2 reference to different String objects

7) 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] + " ");
```

- A. A,B;C;D
- B. A B C D
- C. A B C;D
- D. A B;C;D

8) What is displayed by the following code?

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

- A. A B C A#B#C
- B. A#B#C A#B#C
- C. A,B;C A#B#C
- D. A B C A B C

9) What is displayed by the following code?

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

- A. false fasle
- B. true fasle
- C. true true
- D. false true

10) 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] + " ");  
    }  
}
```

- A. Welcome to Java
- B. Welc me to Java
- C. Welc me t Java
- D. Welcome t Java