String Operations

QUIZ

Prepared by RVK…….

Question 1

Guess the output

String s1="hello";

// print s1.charAt(1)

//print s1.charAt(5)

Question 2

Which of the following is/are **final** classes using which you can work with strings ?

A. **StringBuilder**
B. **String**
C. **StringBuffer**
D. **Character**

Question 3

```
String s2= new String("Van");
StringBuilder s1= new
  StringBuilder("now");
s1.replace(0,0,"S");
s2.replace('V','M');
System.out.println(s1+s2);
```

What will the statements above print when executed?

- A. SnowMan
- B. SnowVan
- C. SowMan
- D. SowVan

Question 4

```
String s2= new String(" worry not ");
StringBuilder s1= new StringBuilder(s2);
System.out.println(s1.length());
```

What will happen when you execute the above lines?

A. **Prints 9**
B. **Prints 10**
C. **Prints 11**
D. None of the above because code will not compile

Question 5

What is the effect of the following code:

String s=null;

s=s+"hello";

//print s

Question 6

String s1="abcd";

String s2="efgh";

s1.concat(s2);

System.*out.println(s1);*

Question 7

StringBuilder s3=**new StringBuilder("abcd");**

StringBuilder s4=**new StringBuilder("efgh");**

s3.append(s4);

System.*out.println(s3);*

Question 8

Which two are valid declarations of a String? (Choose two.)

A. String s1 = null;

B. String s2 = 'null';

C. String s3 = (String) 'abc';

D. String s4 = (String) '\ufeed'; Nested Classes

E. String s5 = "strings rule";

Question 9

```
1. class PassS {
2. public static void main(String [] args) {
3. PassS p = new PassS();
4. p.start();
5. }
6.
7. void start() {
8. String s1 = "slip";
9. String s2 = fix(s1);
10. System.out.println(s1 + " " + s2);
11. }
12.
13. String fix(String s1) {
14. s1 = s1 + "stream";
15. System.out.print(s1 + " ");
16. return "stream";
17. }
18. }
```

Nested Classes

what is the result?

A. slip stream

B. slipstream stream

C. stream slip stream

D. slipstream slip stream

E. Compilation fails

F. An exception is thrown at runtime

Question 10

Which of these are Immutable objects.

A String

B StringBuffer

C StringBuilder

D All the above

Question 11

Which of these are not Immutable but thread safe

A String

B StringBuffer

C StringBuilder

D All the above

Question 12

```
1. public class StringRef {
2. public static void main(String [] args) {
3. String s1 = "abc";
4. String s2 = "def";
5. String s3 = s2;
6. s2 = "ghi";
7. System.out.println(s1 + s2 + s3);
8. }
9. }
```

what is the result?

A. abcdefghi

B. abcdefdef

C. abcghidef

D. abcghighi

E. Compilation fails.

F. An exception is thrown at runtime.

Question 12

1. public class StringRef {
2. public static void main(String [] args) {
3. String s1 = "abc";
4. String s2 = "def";
5. String s3 = s2;
6. s2 = "ghi";
7. System.out.println(s1 + s2 + s3);
8. }
9. }

what is the result?

A. abcdefghi
B. abcdefdef
C. abcghidef
D. abcghighi
E. Compilation fails.
F. An exception is thrown at runtime.

Question 13

Given the following,

11. String x = "xyz";

12. x.toUpperCase();

13. String y = x.replace('Y', 'y');

14. y = y + "abc";

15. System.out.println(y);

what is the result?

A. abcXyZ

B. abcxyz

C. Xyzabc

D. XyZabc

E. Compilation fails.

F. An exception is thrown at runtime.

Question 13

Given the following,

11. String x = "xyz";

12. x.toUpperCase();

13. String y = x.replace('Y', 'y');

14. y = y + "abc";

15. System.out.println(y);

what is the result?

A. abcXyZ

B. abcxyz

C. Xyzabc

D. XyZabc

E. Compilation fails.

F. An exception is thrown at runtime.

Question 14

Given the following,

13. String x = new String("xyz");

14. y = "abc";

15. x = x + y;

how many String objects have been created?

A. 2

B. 3

C. 4

D. 5

Question 15

Given the following,

14. String a = "newspaper";

15. a = a.substring(5,7);

16. char b = a.charAt(1);

17. a = a + b;

18. System.out.println(a);

what is the result?

A. apa

B. app

C. apea

D. apep

E. papp

F. papa