

Test Summary

- No. of Sections: 1
- No. of Questions: 30
- Total Duration: 120 min

Section 1 - MCQ

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- No. of Questions: 30
- Duration: 120 min

Additional Instructions:

None

Q1. Output for the below code snippet

```
1 System.out.println("13" + 5 + 3);
2 |
```

21

138

1353

compile-time error

Q2. What is the value returned by unction compareTo() if the invoking string is less than the string compared?

zero

value less than zero

value greater than zero

None of the mentioned

Q3. Which of these class is superclass of String and StringBuffer class?

java.util

java.lang

ArrayList

None of the mentioned

Q4. Which of these method of class String is used to extract a single character from a String object?

CHARAT()

charat()

charAt()

ChatAt()

Q5. Which of these operators can be used to concatenate two or more String objects?

+

+=

&

||

Q6. Output for the below code snippet

```
1  StringBuilder sb=new StringBuilder("Hello World");
2  sb.delete(1,3);
3  System.out.println(sb);
4  |
```

Ho World

Hlo World

Hello World

Hello Wd

Q7. Output for the below code snippet

```
1  String s1 = "abc";
2  String s2 = "def";
3  System.out.println(s1.compareTo(s2));
4
5  |
```

false

true

0

-3

Q8. Which of these is an incorrect statement?

String objects are immutable, they cannot be changed

String object can point to some other reference of String variable

StringBuffer class is used to store string in a buffer for later use

None of the mentioned

Q9. What is the string contained in s after following lines of code?

```
1 StringBuffer s = new StringBuffer("Hello");  
2 s.deleteCharAt(0);
```

Hell

ello

Hel

llo

Q10. Output for the below code snippet

```
1 String s1 = null;  
2 System.out.print(s1+" ");  
3 System.out.print(s1.toString());  
4  
5
```

null null

null NullPointerException

NullPointerException NullPointerException

None of the metioned

Q11. What is the output of the following code.

```
1 import java.io.*;
2 public class FilesInputOutput
3 {
4     public static void main(String[] args)
5     {
6         String obj = "abc";
7         byte b[] = obj.getBytes();
8         ByteArrayInputStream obj1 = new ByteArrayInputStream(b);
9         for (int i = 0; i < 2; ++ i)
10        {
11            int c;
12            while((c = obj1.read()) != -1)
13            {
14                if(i == 0)
15                {
16                    System.out.print(Character.toUpperCase((char)c));
17                    obj2.write(1);
18                }
19            }
20            System.out.print(obj2);
21        }
22    }
23 }
24 |
```

AaBaCa

ABCaaa

AaaBaaCaa

AaBaaCaaa

Q12. Output for the below code snippet

```
1 StringBuffer s1 = "one";
2 StringBuffer s2 = s1.append("two");
3 |
```

one

two

onetwo

twoone

Q13. Consider the following code,
string s=new String(); will create an instance of string with

at least one character

a default character

no characters in it

number of characters in it

Q14. Which of these method of class String is used to check weather a given object starts with a particular string literal?

startsWith()

endsWith()

Starts()

ends()

Q15. Output for the below code snippet

```
1 String s1 = " Hey, buddy! ";  
2 s1=s1.trim();  
3 System.out.println(s1.length());  
4 |
```

8

10

11

12

Q16. Which of these method of class String is used to obtain length of String object?

get()

Sizeof()

lengthof()

length()

Q17. Which of these method of class String is used to compare two String objects for their equality?

equals()

Equals()

isequal()

Isequal()

Q18. Which of the following is true?

Both StringBuffer and StringBuilder is not synchronized

Both StringBuffer and StringBuilder is synchronized

StringBuffer is Synchronized where as StringBuilder is not

StringBuilder is Synchronized where as StringBuffer is not

Q19. Which of these method of class String is used to remove leading and trailing whitespaces?

startsWith()

trim()

Trim()

doTrim()

Q20. Which of these method of class String is used to extract a substring from a String object?

substring()

Substring()

SubString()

None of the mentioned

Q21. What is the difference between String and StringBuffer in Java?

String is mutable while StringBuffer is immutable.

String is thread-safe while StringBuffer is not thread-safe.

String has a higher memory footprint than StringBuffer.

StringBuffer is faster than String for concatenating multiple strings.

Q22. Predict the output

```
1 String str1 = "hello";  
2 String str2 = new String("hello");  
3 System.out.println(str1 == str2);
```

Compilation Error

true

false

Runtime error

Q23. What is the difference between == and equals() method in Java for comparing strings?

== compares the values of the strings while equals() compares the references.

equals() compares the values of the strings while == compares the references.

Both == and equals() compare the values of the strings.

Both == and equals() compare the references of the strings.

Q24. What is the output of the following code?

```
1 String str = "hello";  
2 str = str.concat(" world");  
3 System.out.println(str);
```

hello

world

hello world

error

Q25. Which method is used to compare two strings lexicographically

compare()

compareTo()

equals()

length()

Q26. What is the output of the following code?

```
1 String str = "hello world";  
2 System.out.println(str.substring(6));  
3 |
```

w

world

hello

error

Q27. Which method is used to remove leading and trailing white spaces from a string in Java?

trim()

strip()

clear()

clean()

Q28. Which method can be used to join two Strings in Java?

join()

append()

concatenate()

add()

Q29. Which of the following methods is used to retrieve a substring from a String in Java?

substr()

slice()

splice()

substring()

Q30. Which of the following methods is used to change a specific character or substring in a String in Java?

replace()

swap()

change()

switch()

Answer Key & Solution

Section 1 - MCQ

Q1	1353
	Solution
	No Solution
Q2	value less than zero
	Solution
	No Solution
Q3	java.lang
	Solution
	No Solution
Q4	charAt()
	Solution
	No Solution
Q5	+
	Solution
	No Solution
Q6	Hlo World
	Solution
	No Solution
Q7	-3
	Solution
	No Solution
Q8	StringBuffer class is used to store string in a buffer for later use
	Solution
	No Solution

Q9 ello

Solution

No Solution

Q10 null NullPointerException

Solution

No Solution

Q11 AaBaaCaaa

Solution

No Solution

Q12 onetwo

Solution

No Solution

Q13 no characters in it

Solution

No Solution

Q14 startsWith()

Solution

No Solution

Q15 11

Solution

No Solution

Q16 length()

Solution

No Solution

Q17 equals()

Q18	Solution
	No Solution
	StringBuffer is Synchronized where as StringBuilde is not

Q19	Solution
	No Solution
	trim()

Q20	Solution
	No Solution
	substring()

Q21	Solution
	No Solution
	StringBuffer is faster than String for concatenating multiple strings.

Q22	Solution
	No Solution
	false

Q23	Solution
	No Solution
	equals() compares the values of the strings while == compares the references.

Q24	Solution
	No Solution
	hello world

Q25	Solution
	No Solution
	compareTo()

Solution

No Solution

Q26
world

Solution

No Solution

Q27
trim()

Solution

No Solution

Q28
concatenate()

Solution

No Solution

Q29
substring()

Solution

No Solution

Q30
replace()

Solution

No Solution