

Test Summary

- No. of Sections: 1
- No. of Questions: 20
- Total Duration: 30 min

Section 1 - MCQ

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Additional Instructions:

None

Q1.

1

2

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28

What is the output of this program?

import java.io.*;

class Chararrayinput

{

public static void main(String[] args)

{

String obj = "abcdefgh";

int length = obj.length();

char c[] = new char[length];

obj.getChars(0, length, c, 0);

CharArRaYReAdEr input1 = new CharArRaYReAdEr(c);

CharArRaYReAdEr input2 = new CharArRaYReAdEr(c, 1, 4);

int i;

int j;

try

{

while((i = input1.read()) == (j = input2.read()))

{

System.out.print((char)i);

}

}

catch (IOException e)

{

e.printStackTrace();

}

}

}

abc

abcd

abcde

none of the mentioned

Q2.

1

2

3

4

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8

9

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11

What is the output of this program?

package pkg;

class output

{

public static void main(String args[])

{

StringBuffer s1 = new StringBuffer("Hello World");

s1.insert(6, "Good ");

System.out.println(s1);

}

}

}

a) HelloWorld

b) HellGoodoWorld

c) Compilation error

d) Runtime error

Q3. Which of the following statements are incorrect?

String is a class

Strings in java are mutable

Every string is an object of class String

Java defines a peer class of String, called StringBuffer, which allows string to be altered

Q4. Which constructor creates an empty string buffer with the specified capacity as length:

StringBuffer()

StringBuffer(String str)

StringBuffer(int capacity)

None of the above

Q5. How many Objects will be Created for the follwing Code:

```
1 public class Main{  
2 public static void main(String args[])  
3 {  
4 String a=new String("java");  
5 String b=new String("java");  
6 String c="java";  
7 String d="java";  
8 }  
9 }
```

4

3

2

None of the above

Q6. Find the Output:

```
1 class Main{  
2 public static void main(String args[])  
3 {
```

```
3 {  
4 String s1="java";  
5 String s2="java";  
6 System.out.println(s1.equals(s2));  
7 System.out.println(s1==s2);  
8 }  
9 }
```

true true

true false

false true

false false

Q7. Find the Output:

```
1 class String_demo  
2 {  
3     public static void main(String args[])  
4     {  
5         int ascii[] = { 65, 66, 67, 68};  
6         String s = new String(ascii, 1, 3);  
7         System.out.println(s);  
8     }  
9 }
```

BCD

ABC

ACD

CBA

Q8. Find the Output:

```
1 class String_demo  
2 {  
3     public static void main(String args[])  
4     {  
5         char chars[] = {'a', 'b', 'c'};  
6         String s = new String(chars);  
7         String s1 = "abcd";  
8         int len1 = s1.length();  
9         int len2 = s.length();  
10        System.out.println(len1 + " " + len2);  
11    }  
12 }
```

3 0

0 3

3 4

4 3

Q9. The String method CompareTo() returns

- true
- false
- an int value
- 1

Q10. Find the output:

```
1 public class Main{  
2 public static void main(String args[])  
3 {  
4 String s="a1b2c3";  
5 String tokens[]=s.split("\\d");  
6 for(String s1:tokens)  
7 {  
8 System.out.print(s1);  
9 }  
10  
11 }  
12 }
```

- 123
- abc
- compilation error
- none of the these

Q11. Find the Output:

```
1 public class Main{  
2 public static void main(String args[])  
3 {  
4 String str="abcd";  
5 System.out.println(str.substring(1,3));  
6 }  
7 }
```

- bc
- bcd
- abc
- error

Q12. Find the Output:

```
1 class Main{  
2 public static void main(String args[])  
3 {  
4 String s1=new String("hello");  
5 String s2=new String("hellow");  
6 System.out.println(s1==s2);  
7 }
```

```
6 System.out.println(s1 s2),
7 }
8 }|
```

hello

hellow

compile time error

Throws Exception

Q13. Find the Output:

```
1 public class Main{
2 public static void main(String args[])
3 {
4 String str="hello";
5 System.out.println(str.indexOf('t'));
6 }
7 }|
```

true

false

1

-1

Q14. Which of this method of class String is used to obtain a length of String object?

a) get()

b) Sizeof()

c) lengthof()

d) length()

Q15. String s1="kolkata".replace('k','a');
In the above statement the effect on string kolkata is,

The first occurrence of k is replaced by a.

All characters k are replaced by a.

All characters a are replaced by k.

Displays error message

Q16. Find the Output:

```
1 public class Main{  
2 public static void main(String args[])  
3 {  
4 String s1="SITHA";  
5 String s2="RAMA";  
6 System.out.println(s1.charAt(0)>s2.charAt(0));  
7 }  
8 }|
```

false

true

0

1

Q17. Find the output:

```
1 public class Main{  
2 public static void main(String args[])  
3 {  
4 String s1=new String("OKAY");  
5 String s2=new String(s1);  
6 System.out.println(s1==s2);  
7 }  
8 }|
```

true

false

0

1

Q18. Find the Output:

```
1 public class Main{  
2 public static void main(String args[])  
3 {  
4 String x="hello";  
5 int y=9;  
6 System.out.println(x+=y);  
7 }  
8 }|
```

9hello

hello9

compile time error

None of the above

Q19. toString() method is defined in.

java.lang.String

java.lang.Object

java.lang.util

None of these

Q20. Find the Output:

```
1 class String_demo
2 {
3     public static void main(String args[])
4     {
5         char chars[] = {'a', 'b', 'c'};
6         String s = new String(chars);
7         System.out.println(s);
8     }
9 }
```

a

b

c

abc

Answer Key & Solution

Section 1 - MCQ

Q1 none of the mentioned

Solution

No output is printed. CharArrayReader object input1 contains string “abcdefgh” whereas object input2 contains string “bcde”, when while((i=input1.read())==(j=input2.read())) is executed the starting character of each object is compared since they are unequal control comes out of loop and nothing is printed on the screen.

Q2 d) Runtime error

Solution

Since output.class file is not in the directory pkg in which class output is defined, program will not be able to run.

Q3 Strings in java are mutable

Solution

No Solution

Q4 StringBuffer(int capacity)

Solution

No Solution

Q5 3

Solution

No Solution

Q6 true true

Solution

No Solution

Q7 BCD

Solution

No Solution

Q8 4 3

Solution

No Solution

Q9
an int value

Solution

No Solution

Q10
abc

Solution

No Solution

Q11
bc

Solution

No Solution

Q12
hellow

Solution

No Solution

Q13
-1

Solution

No Solution

Q14
d) length()

Solution

No Solution

Q15
All characters k are replaced by a.

Solution

No Solution

Q16
true

Solution

No Solution

Q17false

Solution

No Solution

Q18hello9

Solution

No Solution

Q19java.lang.Object

Solution

No Solution

Q20abc

Solution

No Solution