1. The default value of the string is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   1. 0
   2. “null”
   3. NULL
   4. **null**

|  |
| --- |
| 1. Which will legally declare, construct, and initialize an array? |
| |  |  | | --- | --- | |  | 1. int [] myList = {"1", "2", "3"}; | |  | 1. int [] myList = (5, 8, 2); | |  | 1. int myList [] [] = {4,9,7,0}; | |  | 1. **int myList [] = {4, 3, 7};** |  1. Which is a valid keyword in java? |

* 1. **interface**
  2. string
  3. Float
  4. Unsigned

1. Which one is a valid declaration of a boolean?
   1. boolean var = 0
   2. boolean var=”false”;
   3. boolean var=no;
   4. **boolean var=false;**
2. What will be the output of the program?

class Test

{

public static void main(String [] args)

{

int x=20;

String sup = (x < 15) ? "small" : (x < 22)? "tiny" : "huge";

System.out.println(sup);

}

}

* 1. small
  2. **tiny**
  3. huge
  4. compiler error

1. What will be the output of the program?

**class** Test {

**public** **static** **void** main(String[] args) {

**int** x= 0;

**int** y= 0;

**for** (**int** z = 1; z<=5; z++)

{

**if** (( ++x > 2 ) && (++y > 2))

{

++x;

}

}

System.***out***.println(x + " " + y);

}

}

* 1. 5 3
  2. 5 2
  3. **6 3**
  4. 6 4

1. What will be the output of the program?

**class** Test {

**public** **static** **void** main(String[] args) {

**int** x= 0;

**int** y= 0;

**for** (**int** z = 1; z<=5; z++)

{

**if** (( ++x > 2 ) || (++y > 2))

{

++x;

}

}

System.***out***.println(x + " " + y);

}

}

* 1. 5 3
  2. 5 2
  3. **8 2**
  4. 8 3

1. What will be the output of the program?

**class** Test {

**public** **static** **void** main(String[] args) {

**int** x= 3;

**int** y= 4;

System.***out***.println(“Answer = ”+x+y);

System.***out***.println(x+y+” answer”);

}

}

* 1. Answer = 7

7 answer

* 1. Answer = 34

34 answer

* 1. **Answer = 34**

**7 answer**

* 1. Answer = 7

34 answer

|  |
| --- |
| 9) public class Test  {  }  What is the prototype of the default constructor? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Test( ) | | [**B.**](javascript:%20void%200;) | Test(void) | | [**C.**](javascript:%20void%200;) | **public Test( )** | | [**D.**](javascript:%20void%200;) | public Test(void) | |

10) What will be the output of the program?

**class** Test {

**public** **static** **void** main(String[] args) {

int odd = 1;

if(odd)

{

System.out.println("odd");

}

else

{

System.out.println("even");

}

}

a. odd

b. even

**c. compiler error**

d. 1

11) What will be the output of the program?

**class** Test {

**public** **static** **void** main(String[] args) {

int x= 0;

while ( 1 ) /\* Line 6 \*/

{

System.out.print("x plus one is " + (x + 1)); /\* Line 8 \*/

}

}

|  |
| --- |
| Which statement is true? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | x plus one is 1 | | [**B.**](javascript:%20void%200;) | x plus one is 0 | | [**C.**](javascript:%20void%200;) | There are syntax errors on lines 6 and 8. | | [**D.**](javascript:%20void%200;) | **There is a syntax error on line 6.** | |

|  |
| --- |
| 12) What will be the output of the program?  public class Foo  {  public static void main(String[] args)  {  try  {  return;  }  finally  {  System.out.println( "Finally" );  }  }  } |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | **Finally** | | [**B.**](javascript:%20void%200;) | Compilation fails. | | [**C.**](javascript:%20void%200;) | The code runs with no output. | | [**D.**](javascript:%20void%200;) | An exception is thrown at runtime. | |

|  |
| --- |
| 13) What will be the output of the program?  try  {  int x = 0;  int y = 5 / x;  }  catch (Exception e)  {  System.out.println("Exception");  }  catch (ArithmeticException ae)  {  System.out.println(" Arithmetic Exception");  }  System.out.println("finished"); |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | finished | | [**B.**](javascript:%20void%200;) | Exception | | [**C.**](javascript:%20void%200;) | **Compilation fails.** | | [**D.**](javascript:%20void%200;) | Arithmetic Exception | |

|  |
| --- |
| 14) Which interface provides the capability to store objects using a key-value pair? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | **Java.util.Map** | | [**B.**](javascript:%20void%200;) | Java.util.Set | | [**C.**](javascript:%20void%200;) | Java.util.List | | [**D.**](javascript:%20void%200;) | Java.util.Collection | | 15) What is the name of the method used to start a thread execution? | | | |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | init(); | | [**B.**](javascript:%20void%200;) | **start();** | | [**C.**](javascript:%20void%200;) | run(); | | [**D.**](javascript:%20void%200;) | resume(); | | |   16) What is the output of this program?  class output  {  public static void main(String args[])  {  String c = "Hello i love java";  boolean var;  var = c.startsWith("hello");  System.out.println(var);  }  }  a) true  b) **false**  c) 0  d) 1 |
| 17) What is the output of this program?  class output  {  public static void main(String args[])  {  String s1 = "Hello i love java";  String s2 = new String(s1);  System.out.println((s1 == s2) + " " + s1.equals(s2));  }  } |
| a) true true b) false false c) true false d) **false true**  18) What is the output of this program?  class output  {  public static void main(String args[])  {  String s1 = "Hello";  String s2 = new String(s1);  String s3 = "HELLO";  System.out.println(s1.equals(s2) + " " + s2.equals(s3));  }  } |

a) true true  
b) false false  
c) **true false**  
d) false true

19) Which of these class is superclass of String and StringBuffer class?

* [**A.**](javascript:%20void(0)) java.util
* [**B.**](javascript:%20void(0))**java.lang**
* [**C.**](javascript:%20void(0)) ArrayList
* [**D.**](javascript:%20void(0)) None of the mentioned

20) Which of these operators is used to allocate memory to array variable in Java?

* [**A.**](javascript:%20void(0)) malloc
* [**B.**](javascript:%20void(0)) alloc
* [**C.**](javascript:%20void(0))**new**
* [**D.**](javascript:%20void(0)) new malloc