

# Java Test

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<b>Started on</b>	Saturday, 5 November 2022, 12:03 PM
<b>State</b>	Finished
<b>Completed on</b>	Saturday, 5 November 2022, 12:37 PM
<b>Time taken</b>	33 mins 44 secs
<b>Marks</b>	25.00/40.00
<b>Grade</b>	<b>62.50</b> out of a maximum of 100.00

### Question 1

Complete

Mark 1.00 out of 1.00

 Flag question

The following line of code creates an **object** for the **class** named **Tutorial**. What is **tut1** here?

**Tutorial tut1= new Tutorial();**

Select one:

- ☐ instance variable
- ☐ reference variable
- ☒ object
- ☐ instance

### Question 2

Complete

Mark 1.00 out of 1.00

 Flag question

When does method overloading is determined?


Select one:

- ☐ At coding time
- ☒ At compile time
- ☐ At execution time
- ☐ At run time

### Question 3

Complete

Mark 1.00 out of 1.00

 Flag question

What is the command to **compile** a **java program**? (Let the file name be **myprogram.java**)

Select one:

- ☐ javac myprogram
- ☒ javac myprogram.java
- ☐ java myprogram.java
- ☐ java myprogram

### Question 4

Complete

Mark 1.00 out of 1.00

 Flag question

Which of the following is a valid declaration of an **object** of **class Box**?


Select one:

- ☐ obj= new Box()
- ☒ Box obj=new Box();
- ☐ Box obj=new Box;
- ☐ new Box obj;

### Question 5

Complete

Mark 0.00 out of 1.00

 Flag question

What will be printed using following **code block**?

**int[] a = {0,1,2,3,4,5,6,7};**  
**System.out.println(a.length);**

Select one:

- ☒ 6

- ☐ 7
- ☐ 9
- ☐ 8

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#### Question 6

Complete

Mark 0.00 out of 1.00

 Flag question

What is the value stored in **x** in following lines of code?

```
int x, y, z;  
x = 0;  
y = 1;  
x = y = z = 8;
```

Select one:

- ☐ 9
- ☐ 8
- ☒ 0
- ☐ 1

#### Question 7

Complete

Mark 0.00 out of 1.00

 Flag question

Which of the following is **not** a **return type**?

Select one:

- ☐ public
- ☐ int
- ☐ boolean
- ☒ void

#### Question 8

Complete

Mark 1.00 out of 1.00

 Flag question

Which of the following helps in creating dynamic web pages?

Select one:

- ☐ None of them
- ☒ JSP or Java Server Pages
- ☐ Java Applets
- ☐ J2EE or Java Enterprise Edition

#### Question 9

Complete

Mark 0.00 out of 1.00

 Flag question

While calling a constructor from another constructor in a class using this keyword, the call should be


Select one:

- ☐ First statement in the constructor
- ☐ A constructor call isn't possible using this keyword
- ☒ Last statement in the constructor
- ☐ Can be any statement as long as it appears inside constructor

#### Question 10

Complete

Mark 1.00 out of 1.00

 Flag question

What will be the output of the **function**?

```
public void scope()  
{  
    int x;  
    x = 22;  
    {  
        int y = 33;  
        System.out.print(x + " " + y);  
    }  
    System.out.println(x + " " + y);  
}
```

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### Question 11

Complete

Mark 1.00 out of 1.00

Flag question

Select one:

- ☐ 22 33
- ☐ Runtime error
- ☐ 22 33 22 33
- ☒ Compilation error

What is the output of this program?

```
class c
{
    public void main(String[] args)
    {
        System.out.println("Hello" + args[0]);
    }
}
```

Select one:

- ☐ Hello World
- ☐ Hello c
- ☒ Runtime Error
- ☐ Hello

### Question 12

Complete

Mark 1.00 out of 1.00

Flag question

What will be the **output** of the following **program**?

```
class string_class {
    public static void main(String args[])
    {
        String obj = "hello";
        String obj1 = "world";
        String obj2 = "hello";
        System.out.println(obj.equals(obj1) + " " + obj.equals(obj2));
    }
}
```

Select one:

- ☐ true false
- ☒ false true
- ☐ true true
- ☐ false false

### Question 13

Complete

Mark 1.00 out of 1.00

Flag question

**Modulus operator (%)** can be applied to which of the following?

Select one:

- ☐ floating point numbers
- ☒ both integers and floating point numbers
- ☐ integers
- ☐ none of these

### Question 14

Complete

Mark 0.00 out of 1.00

Flag question

What will be the **output** of the following **program**?

```
class test {
    int a;
    int b;
    test(int i, int j) {
        a = i;
        b = j;
    }
}
```

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```
void meth(test o) {
    o.a *= 2;
    o.b /= 2;
}

class Output{
    public static void main(String args[])
    {
        test obj = new test(10 , 20);
        obj.meth(obj);
        System.out.println(obj.a + " " + obj.b);    }
    }
```

Select one:

- ☐ 10 20
- ☐ 20 10
- ☐ 20 40
- ☒ 40 20

#### Question 15

Complete

Mark 1.00 out of 1.00

Flag question

If we do not specify modifier for a class, what does it take by default?

Select one:

- ☒ private
- ☐ abstract
- ☐ final
- ☐ public

#### Question 16

Complete

Mark 1.00 out of 1.00

Flag question

final keyword can not be used in conjunction with \_\_\_\_\_.

Select one:

- ☒ Interface
- ☐ Class
- ☐ Method
- ☐ Static or non-static variables

#### Question 17

Complete

Mark 0.00 out of 1.00

Flag question

What is the output of this code:

```
public class MyClass {
    public static void main (String arg[]){
        system.out.println("Java file name and class name should be same")
    }
}
```

Select one:

- ☐ No output
- ☒ Java file name and class name should be same
- ☐ Compilation error
- ☐ Run time error

#### Question 18

Complete

Mark 0.00 out of 1.00

Flag question

Which of the following **operators** has **least precedence** in Java?

Select one:

- ☐ less than or equal to
- ☐ equal to
- ☒ bracket

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### Question 19

Complete

Mark 1.00 out of 1.00

Flag question

A subclass will not inherit

Select one:

- ☒ Private members of its parents
- ☐ Protected members of its parent
- ☐ All of them
- ☐ Public members of its parent

### Question 20

Complete

Mark 1.00 out of 1.00

Flag question

What will be the **output** of the following **program**?

```
class booloperators {
    public static void main(String args[])
    {
        boolean var1 = true;
        boolean var2 = false;
        System.out.println((var2 & var2));
    }
}
```

Select one:

- ☐ 1
- ☐ 0
- ☒ false
- ☐ true

### Question 21

Complete

Mark 0.00 out of 1.00

Flag question

Which of the following has **highest precedence** in Java?

Select one:

- ☐ less than or equal to
- ☐ equal to
- ☐ bracket
- ☒ greater than or equal to

### Question 22

Complete

Mark 0.00 out of 1.00

Flag question

How to concatenate 2 string variables namely str1 and str2 in java using another string variable var?

Select one:

- ☒ Not possible in java
- ☐ var="str1"+"str2"
- ☐ var='str1'+str2'
- ☐ var=str1+str2

### Question 23

Complete

Mark 1.00 out of 1.00

Flag question

Point out the **error** in the following **program**:

```
1.class increment {
2.public static void main(String args[])
3.{
4.int var1 = 1 + 5;
5.int var2 = var1 / 4;
6.double var3 = 1 + 5;
7.double var4 = var3 / 4;
8.System.out.print(var2 + " " + var4);
9.}
10.}
```

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## Question 24

Complete

Mark 1.00 out of 1.00

 Flag question

Select one:

- ☐ Line number 7
- ☐ Line number 5
- ☐ Line number 6
- ☒ No Error

Point out the **error line** in the following program.

```
1. public class MyParameterizedConstructor
2. {
3.     private String name;
4.
5.     public MyParameterizedConstructor(String str){
6.         this.name = str;
7.         System.out.println("I am inside parameterized constructor.");
8.         System.out.println("The parameter value is: "+str);
9.     }
10.
11.     public static void main(String a[]){
12.         MyParameterizedConstructor mpc = new MyParameterizedConstructor("Madhu Raj");
13.     }
14. }
```

Select one:

- ☐ Line number 5
- ☐ Line number 12
- ☒ No Error

*We get the output as :*

I am inside parameterized constructor.

The parameter value is: Madhu Raj

- ☐ Line number 6

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