

OOPJ Practice Test

1. What will be the output of the following program?

```
public class Test2 { public static void main(String[] args) { StringBuffer s1 = new StringBuffer("Complete"); s1.setCharAt(1,'i'); s1.setCharAt(7,'d'); System.out.println(s1); } }
```

- ☐ Complete
- ☐ lomplede
- ☐ Cimpletd
- ☐ Coipletd

2. Which of these methods of a Thread class is used to suspend a thread for a period of time?

- ☐ sleep()
- ☐ terminate()
- ☐ suspend()
- ☐ stop()

3. What will be the output of the following Java program?

```
class output { public static void main(String args[]) { StringBuffer c = new StringBuffer("Hello"); StringBuffer c1 = new StringBuffer(" World"); c.append(c1); System.out.println(c); } }
```

- ☐ Hello
- ☐ World
- ☐ HelloWorld
- ☐ Hello World

4. Which of these class is used to create user defined exception?

- ☐ java.lang
- ☐ Exception
- ☐ RunTime
- ☐ System

5. What is the output of this program?
`class increment{public static void main(String args[])
{double var1 = 1 + 5;double var2 = var1 / 4;int var3 = 1
+ 5;int var4 = var3 / 4;System.out.print(var2 + " " +
var4);}}`

- ☐ 1 1
- ☐ 0 1
- ☐ 1.5 1
- ☐ 1.5 1.0

6. Which class is thread-safe i.e. multiple threads cannot access it simultaneously, So it is safe and will result in an order?

- ☐ a. StringBuffer class
- ☐ b. StringBuilder class
- ☐ c. Both A & B
- ☐ d. None of the above

7. Static members are not inherited to subclass.

- ☐ True
- ☐ False

8. Can we start a thread twice?

- ☐ Yes
- ☐ No

9. Map implements collection interface?

- ☐ True
- ☐ False

10. What will this code print?
`int arr[] = new int [5]; System.out.print(arr);`

- ☐ 0
- ☐ value stored in arr[0]
- ☐ 00000
- ☐ class_name@hascode in hexadecimal form

11. In java, Method Overloading is possible by changing the return type of the method

- ☐ True
- ☐ False

12. Java Virtual Machine is platform independent.

- ☐ True
- ☐ False

13. Which keyword is used for the block to handle the exceptions generated by try block?

- ☐ catch
- ☐ final
- ☐ throw
- ☐ try

14. How many methods Serializable has?

- ☐ 1
- ☐ 2
- ☐ 3
- ☐ 0

15. Given, `int values[] = {1,2,3,4,5,6,7,8,9,10};` for(`int i=0; i< Y; ++i`) `System.out.println(values[i]);` Find the value of `value[i]`?

- ☐ 10
- ☐ 11
- ☐ 15
- ☐ None of the above

16. What is the output of this program?

```
class exception_handling{
public static void main(String args[]){
try{
throw new NullPointerException("Hello");
System.out.print("A");
}catch(ArithmeticException){
System.out.print("B");
}}
```

- ☐ A
- ☐ B
- ☐ Compilation Error
- ☐ Runtime Error

17. Generally string is a sequence of characters, But in java, string is an _____.

- ☐ Object
- ☐ Class
- ☐ Package
- ☐ None of the above

18. What is the name of the thread in output in the following Java program? `class multithreaded_programing { public static void main(String args[]) { Thread t = Thread.currentThread(); System.out.println(t.isAlive()); } }`

- ☐ 0
- ☐ 1
- ☐ true
- ☐ false

19. Can 8 byte long data type be automatically type cast to 4 byte float data type?

- ☐ True
- ☐ False

20. What will be the output of the following Java program? `import java.util.*; class ArrayList { public static void main(String args[]) { ArrayList obj = new ArrayList(); obj.add("A"); obj.add("B"); obj.add("C"); obj.add(1, "D"); System.out.println(obj); } }`

- ☐ [A, B, C, D]
- ☐ [A, D, B, C]
- ☐ [A, D, C]
- ☐ [A, B, C]