

WORKSHEET SET- 3

1. The use of pointers is prohibited in JAVA due to security reasons. **Hence, the correct option is (b).**
2. Keywords can not be used for naming a user defined variable class, int. **Hence, the correct option is (c).**
3. The Object is the super class of every class in Java. **Hence, the correct option is (c).**
4. boolean b3 = false is a valid declaration of a boolean. **Hence, the correct option is (c).**
5. Default is a default access modifier in java. **Hence, the correct option is (d).**
6. Variables of an interface are public, static and final as interfaces cannot be instantiated, final ensures the value assigned cannot be changed and public for it to be universally accessible. **Hence, the correct option is (c).**
7. String data types are made to be used while storing command line arguments. **Hence, the correct option is (c).**
8. Infinite number of arguments can be passed to main(). **Hence, the correct option is (a).**
9. This will be the output, as it is present at the 0 position. **Hence, the correct option is (c).**
10. The output will be 3 because while rounding off 2.5, the answer will be 3 no matter what the random value pops out from random method. **Hence, the correct option is (b).**
11. **All mentioned methods are rounding off methods. Hence, the correct option is (d).**
12. Standard output variable 'out' is defined in system class. **Hence, the correct option is (d).**
13. The program will throw a compile error because there are two variables with the same name creating ambiguity for compiler. **Hence, the correct option is (c).**
14. Static method is executed first before execution of any other thing in a program. **Hence, the correct option is (b).**
15. Return type of method, Number of parameters and Parameters data type all can be used to differentiate two or more methods having same name. **Hence, the correct option is (d).**
16. The output will be 2 as x is equal to 10 rendering the if statement to become false. **Hence, the correct option is (b).**
17. The output will be 30 by multiplying width, height and length. **Hence, the correct option is (d).**

18. Syntax to create/define java methods:

```
public class Test {  
    public static void Name() { // user-defined method creation  
        System.out.println("My name is Mehak.");  
    }  
    public static void main(String[] args) {  
        Name(); // method calling  
    }  
}
```