

Practice Questions

Java:

1. Where is a String stored if it is created using the new keyword?
 - a. Heap Memory
 - b. String Pool
 - c. Stack Memory
 - d. Recursive Memory
2. How would you compare the value of two Strings?
 - a. Using ==
 - b. equals() method
 - c. compare() method
 - d. None of the above
3. The system library is stored within the...
 - a. JVM
 - b. JRE
 - c. JDK
 - d. None of the above
4. What is a final method?
 - a. A method that cannot be overridden
 - b. A method that cannot be overloaded
 - c. A method that cannot be inherited
 - d. A method with no arguments
5. What will the following code print?

```
int num = 10;  
do {
```

```

num++;

if(num % 2 == 0) {
    System.out.print( "Even " );
}
else {
    System.out.print( "Odd " );
}

} while (num < 10);

```

- a. Even
 - b. Odd
 - c. Even Odd
 - d. Infinite loop will occur
 - e. Nothing will print
6. What will the following code print

```

for(int i = 1; i < 10; i+=2) {
    if( i % 3 == 0) {
        continue;
    }
    System.out.print( i + " " );
}

```

- a. 1 2 4 5 7 8
 - b. 2 4 8 10
 - c. 1 5 7
 - d. 1 3 5 7 9
7. _____ is the concept of “data hiding”, only relevant code is displayed.
- a. Abstraction
 - b. Polymorphism
 - c. Inheritance

- d. Encapsulation
8. The super keyword refers to...
- a. The Object class
 - b. The parent class
 - c. The child class
 - d. The overloaded constructor
9. Upcasting will cast from _____ to _____.
- a. Parent to Child
 - b. Child to Parent
 - c. Sibling to Sibling
 - d. None of the above
10. StringBuilder is...
- a. Immutable
 - b. Thread Safe
 - c. Both Immutable and Thread Safe
 - d. Neither Immutable and Thread Safe

Answers:

- 1. A
- 2. B
- 3. B
- 4. A
- 5. B
- 6. C
- 7. A
- 8. B
- 9. B
- 10. D