socrative
by Mastery**Connect**

Java Week 4

Total Questions: 15

Most Correct Answers: **#4**

Least Correct Answers: **#10**

1. **When submitting Project 2 for grading, which directory should you zip(compress)?**

0/1　(A)　project2

0/1　(B)　java111

0/1　(C)　src

1/1　(D)　projects

0/1　(E)　none of the above

2. **This is the proper way to define and assign a double:
double myDouble = 5.9f;**

0/1　(A)　True

1/1　(B)　False

3. **This is the proper way to define and assign a char:
char myChar = "y";**

1/1　(A)　True

0/1　(B)　False

4. **A program written in Java is run on a standardized hypothetical computer called _____.**

0/1　(A)　a transformer

0/1　(B)　object referencer

0/1　(C)　a compiler

1/1　(D)　the java virtual machine

5. In this code snippet, what part is the object reference?

SuperHero speedy = new SuperHero();

0/1 (A) SuperHero

1/1 (B) speedy

0/1 (C) new SuperHero()

0/1 (D) SuperHero()

6. What are the two main types of variables in Java?

0/1 (A) int and String

0/1 (B) Strings and primitives

0/1 (C) doubles and floats

1/1 (D) primitives and object references

0/1 (E) Primitives and complex variables

7. A class lives in the garbage collection heap.

0/1 (A) True

1/1 (B) False

8. **When does garbage collection happen?**

0/1 (A) When gc.CollectGarbage() is called.

0/1 (B) Every 5 ms.

0/1 (C) Every day at 12:01 a.m.

1/1 (D) We don't know and we don't care.

9. **Which of the following will compile?**

0/1 (A) int double = 1;

0/1 (B) int myInt = 34.5;

1/1 (C) int myInt = 15;

0/1 (D) int void = 0;

10. **Which of the following is not a primitive type?**

0/1 (A) int

1/1 (B) byte

0/1 (C) float

0/1 (D) String

11. **Assume the code snippet below is within a valid class and main method. Choose the answer that describes the proper output:**

```
Book a = new Book();
Book b = new Book();
a.title = "Blue";
b.title = "Red";
b = null;
System.out.println(b.title);
```

0/1 (A) Blue

0/1 (B) Red

0/1 (C) a.title

0/1 (D) b.title

1/1 (E) Null Pointer Exception

12. Assume the code snippet below is within a valid class and main method. Choose the answer that describes the proper output:

```
Book a = new Book();
Book b = new Book();
a.title = "Blue";
b.title = "Red";
b = null;
System.out.println(a.title);
```

0/1 (A) Null Pointer Exception

1/1 (B) Blue

0/1 (C) Red

0/1 (D) title

0/1 (E) a.title

13. Assume the code snippet below is within a valid class and main method. Choose the answer that describes the proper output:

```
Book a = new Book();
Book b = new Book();
a.title = "Blue";
b.title = "Red";
b = a;
System.out.println(b.title);
```

0/1 (A) Null Pointer Exception

1/1 (B) Blue

0/1 (C) Red

0/1 (D) a.title

0/1 (E) b.title

14. Assume the code snippet below is within a valid class and main method. Choose the answer that describes the proper output:

```
Book a = new Book();
Book b = new Book();
a.title = "Blue";
b.title = "Red";
b = a;
a = null;
System.out.println(b.title);
```

0/1 (A) Null Pointer Exception

1/1 (B) Blue

0/1 (C) Red

0/1 (D) a.title

0/1 (E) null

15. Assume the code snippet below is within a valid class and main method. Choose the answer that describes the proper output:

```
Book a = new Book();
Book b = new Book();
a.title = "Blue";
b.title = "Red";
b = a;
b.title = "Green";
System.out.println(a.title);
```

0/1 Ⓐ Null Pointer Exception

1/1 Ⓑ Blue

0/1 Ⓒ float

0/1 Ⓓ Green