CS 180 Final Exam Practice I

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1. (4 points) Which of the following is not a loop type in Java?

   A. For-each

   B. Do-While

   C. For

   D. For-every

   E. While

2. (4 points) What is the default access modifier if left unsigned in Java?

   A. private

   B. public

   C. package-private

   D. protected

   E. default

3. (4 points) What concept is it called for Java deciding which method to use when incorporating a list of an abstract class?

   A. Static Binding

   B. Dynamic Binding

   C. Dynamic Deciding

   D. Static Deciding

4. (2 points) If given data is read in the improper order, what happens in Java?

   A. IOException is thwon

   B. The program runs nominally

   C. A Runtime error occurs

   D. OptionalDataException is thrown

5. (2 points) What is the name of the thread the Java GUI occurs in?

   A. Event Dispatch Thread

   B. Event Detail Thread

   C. Event Debut Thread

   D. Event Description Thread

6. (2 points) Evaluate the following RPN Expression: 11 22 33 55 + * -

   A. 1034

   B. 66

   C. 1155

   D. 1029

7. (2 points) An Associative Array is also known as:

   A. LinkedList

   B. Hashmap

   C. Binary Tree

   D. ArrayList

8. (2 points) What is the most efficient order of traveling a binary tree?

    A. Preorder Traversal

    B. Inorder Traversal

    C. Postorder Traversal

    D. All traversal methods are equally efficient

9. (2 points) What would the following code output?

```
public static void main(String[] args) {
    int a = 5;
    int b = 7;
    int c = a++ + b;
}
```

    A. 13

    B. 12

10. (6 points) What is the method signature of the following method?

```
public static int doTransaction(int tax, int price) throws ArithmeticException
```

    A. int doTransaction(int tax, int price)

    B. doTransaction(int tax, int price)

    C. static int doTransaction(int tax, int price)

    D. doTransaction(int tax, int price) throws ArithmeticException

    E. public static int doTransaction(int tax, int price)