AP COMPUTER quiz5

1. Which of the following statements would best describe an efficient design to represent a pair of sunglasses?

```
(A) Three classes: UnfoldGasses, CleanGlasses, and WearGlasses
(B) An UnfoldGlasses class with methods CleanGlasses and WearGlasses
(C) A PairOfSunglasses class with boolean variables unfolded, cleaned, and
worn
(D) A PairOfSunglasses class with methods that unfold, clean, and wear the
objects in the class
(E) A UseSunglasses class with statements that unfold, clean, and wear the
sunglasses
```

2. Given the following code excerpt:

```java
int[] nums = { 11, 22, 33, 44, 55, 66 };
for (int i = 0; i < nums.length; i++) {
    nums[nums[i] / 11] = nums[i];
}
int i = 0;
while (i < nums.length) {
    System.out.print(nums[i++]);
    if (i != 0 && i<nums.length)
        System.out.print(", ");
}
System.out.println();
```

```
(A) 1, 2, 3, 4, 5
(B) 11, 11, 33, 33, 55, 55
(C) 11, 11, 22, 33, 44, 55
(D) 11, 22, 22, 33, 33, 55
(E) 11, 22, 33, 44, 55, 66
```

3. Evaluate the following expression: 4 + 6 % 12/4?

```
(A) 1
(B) 2
(C) 4
(D) 4.5
(E) 5
```

4. Which of the following expressions does **not** evaluate to 0.2?

```
(A) (1.0 * 2.0) / (1.0 * 10);
(B) 2.0 / 10;
(C) (double) 2 / 10;
(D) (double)(2 / 10);
(E) Math.sqrt(4) / Math.sqrt(100);
```

5. Choose the code used to print the following:

"Friends"

```
(A) System.out.println(""Friends"");
(B) System.out.println("//"Friends//"");
(C) System.out.println("/"Friends/"");
(D) System.out.println("\"Friends\"");
(E) System.out.println("\\"Friends\\"");
```