for each 2

Name

1. In the following code segment, assume that the ArrayList wordList has been initialized to contain the String values ["apple", "banana", "coconut", "lemon", "orange", "pear"].

```
int count = 0;
for (String word : wordList)
{
if (word.indexOf("a") >= 0)
{
count++;
}
}
System.out.println(count);
```

What is printed as a result of executing the code segment?

(A) 1

(B) 2

(C) 3

(D) 4

(E) 5

2. Consider the following code segment.

```
int[] arr = {1, 2, 4, 0, 3};
for (int i : arr)
{
System.out.print(i);
}
```

Which of the following code segments will produce the same output as the code segment above?

I.
```
int[] arr = {1, 2, 4, 0, 3};
for (int i : arr)
{
System.out.print(arr[i]);
}
```

II.
```
int[] arr = {1, 2, 4, 0, 3};
for (int i = 0; i < arr.length; i++)
{
System.out.print(i);
}
```

III.
```
int[] arr = {1, 2, 4, 0, 3};
for (int i = 0; i < arr.length; i++)
{
System.out.print(arr[i]);
}
```

A I only

B III only

C I and II only

D I and III only

E I, II, and III

3. Consider the following code segment.

```
int[] arr = {4, 2, 9, 7, 3};
for (int k : arr)
{
k = k + 10;
System.out.print(k + " ");
}
for (int k : arr)
System.out.print(k + " ");
```

What is printed as a result of executing the code segment?

(A) 0 1 2 3 4 0 1 2 3 4

(B) 4 2 9 7 3 4 2 9 7 3

(C) 10 11 12 13 14 0 1 2 3 4

(D) 14 12 19 17 13 4 2 9 7 3

(E) 14 12 19 17 13 14 12 19 17 13