

Question 4 (1 point)

Based on codes I, II, and III, What possible answer returns the same value as the program:

```
if x + 5.5 >= 0 and x <= 250:  
    return False  
else:  
    return True
```

I) return $x \geq -5.5$ and $x \leq 250$

II) return $x < -5.5$ or $x > 250$

III) return not($x \geq -5.5$ and $x \leq 250$)

☐ II

☐ II and III

☐ I

☐ I and III

☐ III

☐ None of the answers

Question 1 (1 point)

Consider the following list:

```
x = [10, [3.141, 20, [30, 'baz', 2.718]], 'foo']
```

Using only positive indexes, what is the expression that returns the 'z' in 'baz'?



Question 2 (1 point)

What does the following function returns?

```
def test(t): print(str(2*t+10))
```

- ☐ The value of $2*t + 10$
- ☐ The character chain $2*t + 10$
- ☐ The value of `str(2*t + 10)`
- ☒ An error
- ☐ None of the answers

Question 3 (1 point) ✓ *Saved*

What will the following instructions display?

```
ages = [20, 19, 23, 10, 34, 31, 20]
```

```
ages = ages.sort()
```

```
print(ages[2:4])
```

☐ [19, 23]

☒ None of the answers

☐ [20, 23]

☐ [20, 20]

☐ [23, 10]