

CS:1210 (22C:16) Quiz 5 Version (c)

You have 15 minutes to complete this quiz. Please put away your books, notes, and all electronic devices

1. Suppose that

```
L = [[1], [1, 2], [[1, 2, 3]], "1000"]
```

and evaluate each of the following expressions.

(a) `L[2][0][2]`

(b) `L[int(L[len(L)-1])-999]`

(c) `L[len(L)-1]+str(L[2][0][1])`

(d) `len(L[2])`

(e) `L[2][0][0] + L[2][0][1] + L[2][0][2]`

2. What is the output produced by the following code fragment.

```
L = [10, 23, "hi", 1234]
L.extend([12, 1.23])
print L
L.append([10])
print L
```

Turn page over

3. Write a function called `pick` that takes as parameter a list of strings and returns the sublist of words of length at least 4 that start with the letter "a". For example, the call `pick(["word", "ask", "alto", "exhume", "ashen"])` should return `["alto", "ashen"]`.