

CS:1210 (22C:16) Quiz 7 Version (a)

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

1. Suppose that the list `L` equals `[100, ["ok", "is"], 1000, [1, 2], [[1, 2], [2, 3]], 1000]` . Write down the value of each of these expressions.

- (a) `L[3:5][1:][0][1][1]`

- (b) `(L[3:4] + L[4]).count([1,2])`

- (c) `L[2::3]`

- (d) `(L[3] + L[4][1]).index(2)`

2. Suppose that the list `L` equals `[100, ["ok", "is"], 1000, [1, 2], [[1, 2], [2, 3]], 1000]` . Write down the value of `L` after each of these Python statements. For each problem start with the (same) value of `L` given above.

- (a) `del L[1::2]`

- (b) `L[2::3] = range(1,3)`

- (c) `L[3:] = []`

Please turn over

3. Write down the values of these expressions.

(a) `"Hello! Are you ok?".split()`

(b) `"this is a test".replace(" ", ".")`

(c) `"a".join("testing this".split("i"))`