

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

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]*L[3][1]`

(b) `range(0,L[len(L)-1],200)`

(c) `L[1:4][2][::-1]`

(d) `L[2:len(L)-1].count(1000)`

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) `L[4][:1] = "at"`

(b) `L[4:] = "new".split("e")`

(c) `L[1::2] = range(10, 40, 10)`

Please turn over

3. Write down the values of these expressions.

(a) `"ominous"[:-1].replace("o", "")`

(b) `"passengers".split("e")`

(c) `"y".join(["t", "pograph", ""])`