Name:

Introduction to Programming in Python, I Semester, 2014–2015
Quiz 2, 18 August 2014

Answer all questions in the space provided. Use the reverse for rough work, if any.
Don't forget to fill your name!

1. Consider the following fragment of Python code:

```
x = 'Dance'
y = x
z = y[:]
x = 'Se'+x[1:]
```

What are the values of the following expressions at this point?

(a) `x[5]` .... `'e'`

(b) `y[0]` .... `'D'`

(c) `z[0:17]` .... `'Dance'`

(d) `x[17]` .... `Error, index out of range`

(e) `y+y` .... `'DanceDance'`

(5 marks)

2. Consider the following fragment of Python code:

```
List1 = [11,23,75,77]
list2 = list1
list3 = list1[:]
list1[3] = 91
```

What are the values of the following expressions at this point?

(a) `list2[3]` .... `91`

(b) `list3[3]` .... `77`

(c) `list1[-3:]` .... `[23,75,91]`

(d) `list2[-2]` .... `[11,23]`

(e) `list3[:]` .... `[11,23,75,77]`

(5 marks)