Name:Section:	Roll Number: Group:	_
CSE	-101 Introduction to Programming	

CSE-101, Introduction to Programming Midterm Re-Exam, 2018 Marks: 25 Time: 60 minutes

Instructions

1. For writing Python code in this exam, we recommend that you draw vertical lines to make your indentation clear. 2. Assume the use of Python3 in all of the questions below.

Q1. Fill in the blanks. The following program checks whether a point (x,y) is strictly inside a square or not. One of the vertices is at the origin and the length of each side is 5 units. [3 marks]

y=int(ir # x0,y0	nput(" Enter a x coordinate of point")) nput(" Enter a y coordinate of point")) are bottom-left coordinates, i.e., origin and x1,y1 are top-right coordinates of the square.
y1=	
x0=0	
y0=0	
if(or) :
else:	print("Outside")
	print("Inside")

Q2. Indicate the output if the following script is run: [4 marks]

Section:	Group:
Q3: The function 'not_bad(s)' given a string is as substring 'not' and 'bad'. If the 'bad' follows the starting from 'not' and ending with 'bad', i.e., 'not' definition is incorrect, correct the line(s) with en	ssumed to find the first appearance of the 'not', it replaces the whole substring otbad', with good. The given function
<pre>def not_bad(s): badindex = s.find('bad') notindex = s.find('not') if badindex > notindex: s= s[: notindex] + 'good' + s[badindex+3:] return s</pre>	
Q4: If following is executed what is the output?	[2 marks]
x = [10,20,30,40] y = x for k in range(4): x[k] = y[3-k] print (x) Q5. What is the output? [4 marks]	
<pre>def foo(a):</pre>	

Name: _

Roll Number:

Name: Section:		
Q6. Write a python function printPrimes() that takes as parameter an integer n, for n>=2 and prints all the prime numbers starting from 2 to n. [5 marks]		
07. For the code you have writ	itten above show an execution trace for n=6. [5 marks]	
હાં. For the code you have whi	tien above snow an execution trace for 11-6. [5 marks]	