EXAM REVIEW 1:  
1. What output does the following code produce? [1]

count = 10

if count == 20:

print("perfect")

elif count >= 15:

print("Good")

elif count >= 10:

print("OK")

else:

print("Not good")

2. What is the value of answer? [1]

numbers = [10.0, 5, 15, 20]

answer = numbers[1]+numbers[2]

3. What output does the following code produce? [2]

name = "Suzie"

print(name[0]\*2 + name[2]\*3 + name[4]\*4)

4. What output does the following code produce? [1]

numList = [[1,1], [2,4], [3,9]]

print(numList[0][0] + numList[1][1])

5. What output would the following code produce? [1]

cond1 = True

cond2 = False

if cond1 or cond2:

print("yay")

elif cond1 and cond2:

print("yayyay")

6. What will the function func() return [2]

def func(string):

newstring = ""

for char in string:

if char in "hello":

newstring += char

return newstring

result = func("Catherine")

7. What is the final value of mystring? [2]

mystring = "What’s this all about?"

mystring = mystring[1:14:2]

mystring += str(len(mystring))

8. What output would the following code produce? [3]

l = ["red","cat"]

for n in l:

for i in n:

print(i, n, end="-")

9. What output will the following code produce? [3]

sounds = ["woof", "meow", "quack"]

count = 0

while count < len(sounds):

newstr = sounds[count].replace('o', '!')

print(newstr)

count+=1

10. What output will the following code produce? [2]

for k in range (4):

print('\*'\*k)

11 a) Write a function called is\_vowel() that takes a character as a parameter and returns True if

the character is a vowel, False otherwise [5]

11 b) Show how you would call the function is\_vowel so that the following string is displayed as

follows: [5]

theString = "super"

s is not a vowel

u is a vowel

p is not a vowel

e is a vowel

r is not a vowel

12 What output does the following code produce? [5 marks]

def function1():

global a

a = 2

global b

b = 2

print('a is:', a, 'b is', b)

def function2():

b = 3

function1()

print('a is:', a, 'b is', b)

a = 1

b = 1

print('a is:', a, 'b is', b)

function1()

b = 4

function2()

print('a is:', a, 'b is', b)