

# Cycle Test-1

Computer Science (Code083)

 Class-XII Date:13.7.2022

 Time Allowed: 40 minutes Maximum marks:20

##  1.Write a program in python to passing an immutable type value to a function. (3m)

##  2.What is the difference between global scope and local scope?Write one example program with output? (2m)

## 3.Write a program that receives two numbers in a function and returns the results of all arithmetic operations(+,-,\*,/,%) on these numbers? (3m)

##  4.What is mutable and immutable properties of passed data objects?Give one example? (2m)

 **5.Write a program that generates 4 terms of an AP by providing initial and step values to a function that returns first four terms of the series. (3m)**

 **6.Find the Output: (2m)**

 **def increment(n):**

 **n.append([49])**

 **return n[0],n[1],n[2],n[3]**

 **L=[23,35,47]**

 **m1,m2,m3,m4=increment(L)**

 **print(L)**

 **print(m1,m2,m3,m4)**

 **print(L[3]==m4)**

 **7.Predict the output of the following code: (2m)**

 **def func(message,num=1):**

 **print(message\*num)**

 **func('python')**

 **func("Easy",3)**

 **8.Write a function that receives an octal number and print the equivalent number in other number bases i.e., in decimal. Binary and hexadecimal equivalents. (3m)**

**ALL THE BEST**

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