

# 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**

### ALL THE BEST