**********SAVEETHA SCHOOL OF ENGINEERING**

**SAVEETHA INSTITUTE OF MEDICAL AND TECHNICAL SCIENCES**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**I CIA EXAMINATION - JANUARY 2018**

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| **Sub Code: CS01812** | **Subject Name:** Python Programming – Networking | |
| **Branch:** CSE | **Year:**  I | **Semester:** II |
| **Date of Exam:** 29/01/2018 | **Marks:** 50 | **Time:** 90 Mins. |

**ANSWER ALL THE QUESTIONS**

Part I **(10 x 1 =10)**

1. \_\_\_\_\_\_ code is used to display the 1’s place of a given integer.
2. Find the output of the following code.

for i in range(10,0,1):

print(i)

1. Find the output of the following code.

a=10

while(a!=0):

Print(“Python Programming”)

1. Find the output of the following code.

a=50

def add(a):

print(a+50)

add(10)

print(a)

1. \_\_\_\_\_\_\_\_\_\_ statement is used to display 1 to 20 natural numbers.
2. \_\_\_\_\_\_\_\_\_\_ statement is used to stop the looping iteration unconditionally.
3. \_\_\_\_\_\_\_\_\_\_ keyword is used to return a value in a function.
4. \_\_\_\_\_\_\_\_\_ method is used convert the string into upper.
5. \_\_\_\_\_\_\_\_\_method is used to get the integer value.
6. \_\_\_\_\_\_\_\_\_statement is used to display the last character in a given string.

PART II **(5 x 2 =10)**

1. Write a python program to display 10 positive and negative numbers?
2. Write a python program to find the greatest of three numbers.
3. Write a python program to find the sum of ‘n’ natural numbers.
4. Write a python program to find the sum of the following series. x-x2+x3-x4..+ xn
5. Write a python program to find the sum of the following series. +++++

Part III **(10 x 3 =30)**

1. a. Write a python program to shift the 1’s place to in front a given integer and write the steps. For example 1234 should be converted into 4123.

b. Write a python program to find the roots of the Quadratic equation using the formula ...

1. a. Write a python program to reverse a given string and write the steps.

b. Write a python program to shit the first and last characters of given string.

1. a. Display all leap years between 1000 and 2000 using function.

b. Display multiplication table using function.