**********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. \_\_\_ and \_\_\_ main operators are used to do reverse a number.
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=0

while(a!=0):

Print(“Python Programming”)

1. Find the output of the following code.

a=10

def add(a):

print(a+10)

print(a)

add(10)

1. Find the error of the following code.

for i in range(1,10)

break

1. Find the output of the following code.

deff fun()

f=f\*i

fun()

1. Find the output of the following code.

name=”Saveetha”;

Printf(name);

1. \_\_\_\_\_\_\_\_\_ method is used find the length of the string.
2. \_\_\_\_\_\_\_\_\_method is used to get the string value.
3. \_\_\_\_\_\_ code is used to display the first character of a given string.

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

1. Write a python program to find a given number is positive or negative?
2. Write a python program to find a given number is odd or even?
3. Write a python program to find the sum of even natural numbers.
4. Write a python program to find the sum of the following series.1+x+x2+x3...+ xn
5. Write a python program to find the sum of the following series. 1+x/1!-x2/2!+x3/3!-...

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

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

b. Write a python program to display number to words. For example 123 should be printed as ONE TWO THREE and write the steps.

1. a. Write a python program to find a string is palindrome or not?. Write the steps.

b. Write a python program to find a given character is how many times repeated on the string and write the steps..

1. a. Find the factorial of given number using function and write the steps.

b. Display ‘N’ Fibonacci numbers using function and write the steps.