

# CHAPTER: LOOPS IN PYTHON

## ASSIGNMENT SET – 2

Time: 30 min

M.M. – 20

### Instructions:

- All Questions are compulsory
- Q1 to Q4 carry 1 mark
- Q5 to Q9 carry 2 marks
- Q10 to Q11 carry 3 marks

**Q1.** Repetition of statement in program is called \_\_\_\_\_  
(Iteration/Selection)

**Q2.** Write a statement in for loop to print the following pattern:

1    5    9    14    19

**Q3.** Write the output of the following:

```
for i in "csiphub":  
    print(i,end='-')
```

**Q4.** Convert the following loop into while loop:

```
for j in range(5,9):  
    print(j)
```

**Q5.** What type of error is returned by the following statement?

```
for i in 123:  
    print(i)
```

**Q6.** Write the code in while loop which print “A” infinite times.

**Q7.** Write a program to accept a number from the user and display it’s factorial.

**Q8.** Write a program to print first 10 natural numbers in reverse order.

**Q9.** Write a program to accept a number from the user and display the sum of the digits.

**Q10.** Write a program to print the following pattern:

A

A B

A B C

A B C D

**Q11.** Write a program to accept a number from the user and display the reverse number.