Worksheet

Name: ....

Roll No: .... Class: .... Section: ....

Date: ....

LOOPING IN PYTHON

Chapter-9

Class -10

1. **Answer the following questions:**

   (a)   What are iterative statements?

   (b)   Which loop in python is exit-controlled loop and which is entry-controlled loop?

   (c)   What are the components of a loop?

   (d)   Draw the flowchart for the while loop.

   (e)   What is the use of the break statement?

2. **Write a Python program to display the following output using while loop:**

   1
   1 2
   1 2 3
   1 2 3 4

3. **Find the error in the following code:**

```
num=int(input('Enter the number=')
a=num
i=num-1
while i>0:
    num=num+i
    i=i-1
print 'Factorial of %d is', %(a,num)
```

4. **What will be the output of the following code:**

```
i=1
while i<=4:
    j=1
    while j<=i:
        print j, # inner while loop
        j=j+1
    print '\n'
    i=i+1
```