

# B.B.S SMRITI VIDYAPEETH, AURAIYA

(An English Medium Co-Educational Sr. Sec.(10+2) affiliated to CBSE New Delhi)

## WEEKLY ASSIGNMENT SERIES

Sub-Computer

Class- XII

Ques.1-What are immutable and mutable types? List immutable and mutable types of python.

Ques.2- An immutable data type is one that cannot change after being created. Give three reasons to use immutable data.

Ques.3- What is entry controlled loop in python ?

Ques.4- Explain the use of the pass statement. Illustrate it with an example.

Ques.5- Predict the outputs of the following programs.

(a) Count = 0

While count < 10:

Print („Hello“)

Count +=1

(b) x=10

y=0

While x>y-

1 y=y+1

(c) Keep going =

True x=100

While keep

going Print (x)

x=x-10

if x<50:

Keep going = False

(d) x=45

while x<50:

print (x)

(e) for x in [1,2,3,4,5]:

print (x)

(f) for p in range

(1,10): print (p)

(g) for z in range (-500,500,100):

print (z)

(h) x=10

y=5

for i in range (x-y\*2):

print ("%",i)

(i) c=0

for x in range

(10): for y in

range (5): c+=1

print (c)

(j) x=[1,2,3]

counter =0

while counter <len(x):

Print

(x[counter]\*%) for x in x:

print (y\*

„\*“) counter +=1

(k) for x in „lamp“:

print(str.upper (x))

(l) x= „one“

y= „two“

counter =0

while counter <len(x):

print(x[counter], y[counter])

counter + = 1

(m)x= “apple, pear,peach”

y=x. split(“;”)

for z in y:

if z < „m“:

print (str. lower (x))

else:++

print (str.upper(z))