

## Sample 2 and 3 marks questions for test-1

1)

```
n = 7
```

```
while n != 0 :
```

```
    print(n)
```

```
    n -= 2
```

a) 7 5 3 1

b) 7 5 4 3 2 1

c) 7 5 3 1 -1 3 5 ... infinitely

d) none of these

2) For any given number, find how many digits of that number is odd and display along with the number.  
Example: number 9235 has 3 odd digits and 5513 has 4 odd digits.

3) What is the output of this code?

```
list = [4, 2, 1, 0, 3]
```

```
for i in list :
```

```
    print(list[i])
```

4) What is the output of this code?

```
list = ['H', 'e', 'l', 'l', 'o']
```

```
for i in range(len(list)):
```

```
    print (list)
```

```
    list = ['H','i']
```

5) What is the output of this code?

```
n = 98765
```

```
for i in n:
```

```
    print(i)
```

6) Write a program to find numbers which are divisible by 7 and multiple of 9 in a given range 1 to 500.

7) What is the output of this code?

```
print(~8+~8, 6<<2, 24>>3)
```

8) Based on the type of elements of a given list, create different lists to add given list elements to their respective lists. Given list is as below.

```
l=[42, [45,'hi',55.56], False, [99, 999],998.3, 666, 14+16j, 8+5j,"Hello", True]
```