INDIAN SCHOOL MUSCAT
FIRST PERIODIC ASSESSMENT

INFORMATICS PRACTICES

CLASS: XI   Sub. Code: 065   Time Allotted: 50 mts.

17.11.2019   Max. Marks: 20

GENERAL INSTRUCTIONS:

a) **Answer all the questions.**
b) **Programming Language is Python.**

1. Predict the output: 2

```
for x in range(5):
    if x==2:
        continue
    print(x, end= '*')
```

2. Rewrite the following code using for loop :   2

```
i=100
while (i>0):
    print(i)
    i-=7
```

3. Predict the output: 2

```
for p in range(20,6,-2):
    if p%3==0:
        print(p*2)
```

4. What is a nested loop ?   1

5. Write a Python Program to accept an integer N and check if it is a perfect number or not. A perfect number N is equal to the sum of the factors of N between 1 and N-1.   3

6. Given a list L=[12,10,15]. Do the following using list functions: 1
   (a) Insert 6 at index 1
   (b) Add 32 to the end of the list

7. Find the errors(if any) in the following code. Underline the statement which has error and state the reason :   1

```
L1=[11,12,13,14,15]
L2=L1+2
L3=L1*2
```

8. Predict the output: 2
```
L=[12,45,34,67,34,45,26,34]
print(L.index(26))
print(L.count(45))
L.append(L.count(34))
print(L)
e=L.pop()
print(e)
```

9. Given a list L1=[10,20,30,40,50,60,70,80,90]   2
   (a) Which list slice will return [30,40,50] ?
   (b) Which list slice will return [20,40,60,80] ?
   (c) Which list slice will return [90,60,30] ?
   (d) Give the code to arrange the numbers of the list in decreasing order.

10. Write a Python code to display the smallest element from a list of elements along with its   4
    index in a list.

End of the Question Paper