Sample Paper

Unit Test-2 2018-19
XI
Computer Science with Python

> ➢ Please check that this question paper contains 2 printed pages.
>
> ➢ Please write down the Serial Number of the question before attempting it.

Answer the following questions based on Programming and Computational Thinking [Python]:

1. Python is a Free and Open Source Language. What do you understand by this feature? [3]

2. Write a program to check whether entered number is even or odd. [2]

3. Write a line of code to execute infinite loop in python. [2]

4. Write a Python program to print table of 3. [2]

5. Write Python code to assign the value 25 to variable num1 and store its square value in another variable num2. [2]

6. Give the output of the following statements : [12]

   a) print(10%3)

   b) print(10>5 and 10>19)

   c) print(10>5 and not 10>19)

   d) print("SPS"=="sps")

   e) print(10!=10)

   f) print(3.0//2)

   g) print(3//2)

   h) print(3**2)

   i) print(10/2*3+4)

   j) print(9-4+3-3/1*10)

   k) x,y=10,20

      y=x

      x=y

      print(x,y)

   l) x,y=2,6

      x,y=y,x+2

      print(x,y)

7. Write the output of the following code :   [2]

```
x=input("Enter First No")          #40
y=input("Enter Second No")         #30
z=x+y
print(z)
```

8. Write the output of the following code :   [2]

```
x=input("Enter First Name")        #Subodh
y=input("Enter Last Name")         #Public
fnm=x+y
print(fnm)
```

9. Write the output of the following code :   [2]

```
x=10
y=20
if(x>y):
    print("Y is Greater")
else:
    print("X is Greater")
```

10. Write the output of the following code :   [2]

```
x=1
while(x<4):
    x=x+1
    print(x)
```

11. Write the output of the following code :   [2]

```
m=4
while(m>1):
    m=m-1
print(m)
```

12. Write the output of the following code :   [2]

```
a=1
b=10
c=13
while(a<=4):
    if(b>c):
            print(c)
    else:
            print(b)
    a=a+1
    b=b+1
    c=c-1
```