| Date:07/11/2024<br>Grade: XI | MONTHLY TEST-2(2024-25)<br>INFORMATIC PRACTICES (065) | Max Marks:20<br>Time:50 min |
|---|---|---|

General Instructions:
All questions are compulsory

## SECTION A

| 1. | T=(12) is a/an…………………………. <br><br> a. tuple      b. integer      c. list      d. none of these | 1 |
|---|---|---|
| 2. | S="Informatic Practices"<br>print(S[12])<br><br> a. a      b. P      c. r      d. i | 1 |
| 3. | Immutable data types are……………….. <br><br> a. List,String    b. Tuple,List    c. List,dictionary    d. Tuple,String | 1 |
| 4. | Which of the following would give an error? <br><br> a. List=[]      b. list=[2,3,4]    c. list=[]*3    d. None of these | 1 |
| 5. | ***ASSERTION AND REASONING*** based question. Mark the correct choice as:<br><br> a) Both A and R are true and R is the correct explanation of A.<br><br> b) Both A and R are true but R is not the correct explanation of A.<br><br> c) A is true but R is false<br><br> d) A is false but R is true<br><br> **Assertion(A):** Lists are similar to strings in a number of ways like forwa̶ and backward indexing, slicing and accessing elements.<br><br> **Reason(R):** Lists, unlike strings, are mutable. | 1 |

## SECTION B

| 6. | Predict the output for the following.<br><br> **Str="Informatic Practices"**<br>**print(len(Str))** | 2 |
|---|---|---|

| | | | |
|---|---|---|---|
| | | ```
print("I Love"+Str)
print(Str.count("t"))
print(Str[2:])
``` | |
| 7. | | Predict the output of the following.<br><br>```
a=[1,2,3,4,5,4]
del a[3]
print(a)
print(a.index(4))
a.append(66)
print(a)
b=a.pop(1)
print(b)
``` | 2 |
| 8. | | Predict the output.<br><br>```
tup = ('I','l','o','v','e','p','y','t','h','o','n')
print ("tup[0]: ", tup[0])
print ("tup[1:5]: ", tup[1:5])
for i in range(0,len(tup)):
        print(tup[i],end='*')
``` | 2 |
| **SECTION C** | | | |
| 9. | | Predict the output of the following.<br><br>```
var1 = 'Comp Sc'
var1 = var1[:7] + ' with Python'
print ("Updated String :- ",var1 )
print("C" not in var1)
print(var1[2::-1])
print("Arun">"Arya")
print("arun"=="Arun")
print("Together with 11"*2)
``` | 3 |
| 10. | | Read two list first then<br><br>i.     Extend the first list with second list.<br>ii.    Reverse the second list.<br>iii.   Insert 23 to the 3<sup>rd</sup> index of the first list.<br>iv.    Then find the length of the first list.<br><br>Eg: **L1=[11,22,33,44,55]**<br><br>    **L2=[55,66,77]** | 3 |
| 11. | | Predict the output.<br><br>```
L=[456,776,890,333,445,672,212]
print(L[0:])
print(L[0::2])
print(L[-1:0:-1])
print(L[7:0:-1])
print(L[1::3])
print(L[3])
``` | 3 |