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

General Instructions:
All questions are compulsory

SECTION A

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

SECTION B

6.	Predict the output for the following. Str="Informatic Practices" print(len(Str)) print("I Love"+Str) print(Str.count("t")) print(Str[2:]) **Ans.** **20** **I LoveInformatic Practices** **2** **formatic Practices**		2
7.	Predict the output of the following. 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) **Ans.** **[1, 2, 3, 5, 4]** **4** **[1, 2, 3, 5, 4, 66]** **2**		2
8.	Predict the output. 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='*') **Ans.** **tup[0]: I** **tup[1:5]: ('l', 'o', 'v', 'e')** **I*l*o*v*e*p*y*t*h*o*n***		2
SECTION C			
9.	Predict the output of the following. var1 = 'Comp Sc' var1 = var1[:7] + ' with Python' print ("Updated String :- ",var1)		3

	print("C" not in var1) print(var1[2::-1]) print("Arun">"Arya") print("arun"=="Arun") print("Together with 11"*2) **Ans.** **Updated String :- Comp Scwith Python** **False** **moC** **False** **False** **Together with 11Together with 11**	

10.	Read two list first then
	
	    i. Extend the first list with second list.
	    ii. Reverse the second list.
	    iii. Insert 23 to the 3rd index of the first list.
	    iv. Then find the length of the first list.
	
	Eg: L1=[11,22,33,44,55]
	
	    L2=[55,66,77]
	
	Ans.
	
	L1=list(input("Enter the first list"))
	
	L2=list(input("Enter the second list"))
	
	L1.extend(L2)
	
	print(L1)
	
	L2.reverse()
	
	print(L2)
	
	L1.insert(3,23)
	
	print(L1)
	
	print(len(L1)
		3

11.	Predict the output. 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

Ans.
[456, 776, 890, 333, 445, 672, 212]
[456, 890, 445, 212]
[212, 672, 445, 333, 890, 776]
[212, 672, 445, 333, 890, 776]
[776, 445]
333