INSTRUCTIONS:

1. Paper is divided into 2 sections i.e TYPE A, B
2. Type A contains Short Answer Type Questions
3. Type B contains Programming Practices

SECTION A (SHORT ANSWER TYPE QUESTIONS)-20 Marks

Q1.	What do you mean by Plagiarism?	1

Q2.   What measure would you take to avoid: 2

    1. Adware
    2. Trojan

Q3.   Predict an output: 2

```
dct={}
dct[1]=1
dct['1']=2
dct[1.0]=4
sum=0
for k in dct:
      print(k,sum)
      sum+=dct[k]
print(sum)
```

Q4.   Predict an output: 1

```
tuple_a='a','b'
tuple_b=('a','b')
print(tuple_a==tuple_b)
```

Q5.   Write the code to generate number randomly from 1 to 10 using random   1
module

Q6.   Predict an output: 1

```
a={(1,2):1,(2,3):2}
print(a[1,2])
```

Q7.   How is empty tuple created? Mention some examples.   2

Q8.   Find the errors: 1

```
Text='abracadabra'
Counts={ }
for word in Text:
        Counts[word]=Counts[word]+1
```

Q9.   What is Phishing?   1

Q10.   Predict an output: 2

```
Odd=[1,3,5]
print((Odd+[2,4,6])[4]
```

print((Odd+[12,14,16])[4]-(Odd+[2,4,6])[4])

Q11. Predict an output: 2

x=(1,(2,3(3,(4,))))

print(len(x)

print(x[1][0])

y=(1,(2,(3,),4),5)

print(len(y))

print(len(y[1])

Q12. Predict an output of the following: 2

List1=[13,18,11,16,13,18,13]

print(List1.index(18))

print(List1.count(18))

List1.append(List1.cout(13))

print(List1)

Q13. Create a dynamic dictionary of n no of students contains rollno, name,   2
marks, grade etc. whereas roll no act as key and remaining acts as value for
particular students

SECTION B (PROGRAMMING PRACTICES)-15 Marks

Q14. Write a program to calculate the average of a tuple's element by   3
calculating its sum dividing it with the count of the elements. Thus
compare it with the mean obtained using mean() of statistics module

Q15. What is digital Property? What are the threats to digital properties?   3

Q16. Write a program using dictionary to convert a number entered by the user   3
into its corresponding numbers in words. For example, if the input is 523
then the output should be 'Five Two Three'

Q17. Write a program to consider a list of numbers and move all duplicate values 3
in a list to the end of the list.

Q18. Write a program to compare two equal sized lists and print the first index 3
where they differ