ORANGE

WORKSHEET ②

CODEGPT

Ver. 4.0

Chapter-9

CLASS 8

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

LIST IN PYTHON

A. What will be the output of the following programs?

1.
```
list1=[15, 25, 33, 45, 55]
list1[1]=0
list1[3]=24
print(list1[:])
```

2.
```
list1=[11, 23, 40, 52, 72]
list1.append(21)
print(list1)
```

3.
```
list1=[21, 33, 49, 52, 99]
list2=[11, 23, 44, 74]
print(len(list1))
print(max(list2))
print(min(list1))
```

4.
```
list1=[12, 24, 47, 69, 85]
list1.insert(1, 302)
print(list1)
```

B. Answer the following questions:

1. What is the purpose of using clear() and count() methods?

....

2. Differentiate between Repeating lists and Comparing lists.

....

C. Competency-based/Application-based question.

Aman has created a project in which he has created a list of all the names of students who are willing to go to the college trip but he is unable to change the names of some students. What can he use to change the elements of a list?

....

Grade: ☆ ☆ ☆ ☆ ☆   Teacher's Signature: _____