Sub: Computer Science

Class : XII

Lesson 1 : Computational Thinking And Programming

Name:_____   Roll No.:____   Date: _____

Maximum Marks : 15   Marks Obtained: _____

1) How are tuples different from lists.   (2)

2) What is tuple in Python and how can we access values in tuples ?   (2)

3) What will be the output of the following statements?   (2)

   i)

   t = (1, 2, 3, 4)

   t=t+(5,6,7)

   print(len(tuple))

   ii)

   t = (1, 2, 3)

   print(2 * t)

5) Consider the following tuples, tuple1 and tuple2   (6)

   tuple1 =(15,45,35,45,55,45)

   tuple2 = (22,66)

   Find the output of the following statements:

   a) print(tuple1.index(45))

   b)   print(tuple1.count(45))

   c) print(tuple1 + tuple2)

   d) print(len(tuple2))

   e) print(max(tuple1))

   f) print(min(tuple1))

6) Write a program to input n numbers from the user. Store these numbers in a tuple. Print the maximum and minimum number from this tuple.　　　　　(3)

****