ATOMIC ENERGY CENTRAL SCHOOL , ANUPURAM

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WORKSHEET-2 ,Module-2

Sub: Computer Science **Class : XII**

Topic: PYTHON LIST **Date: _____**

Name:_____ **Roll No.:_____**

Total Marks : 15 **Marks Obtained: _____**

1. **Answer the following.** (1 X 5 = 5)
   a. **Give an example to update single or multiple elements of lists.**
   b. **How can we update and delete list in python? Give example.**
   c. **If a is [1, 2, 3], what is the difference between a*3 and [a, a, a]?**
   d. **If a is [1, 2, 3], is a * 3 equivalent to a + a + a?**
   e. **How will you use membership operator in List?**
2. **Write output for the following snippets.** (2 X 5 = 10)
   a. **V=['A','E','I','O','U']**
      V[0 : 2]='X'
      print(v)
   b. **L1 = [10, 20, 30, 40, 50, 60]**
      i = 0
      while i < 4:
          if L[i]%2==0:
               print L1[i]
          i + = 1
   c. **A=[2,4,6,8,10]**
      L=len(L)
      S=0
      for I in range(1,L,2):
          S+=A[I]
      print("Sum=",S)

d. List1 = [72,85, 97,28,32]
list2 = [1,2, 3,4,5,6, 7,8,9]
print("list1[0]:", list1[0])
print ("list2[1:5]:",list2[1:5])

e. a=[1,2,3]
b=[4,5,6]

a) print(a + b)
b) print(a * 3)
c) print(len(a))
e)print(min(b))

1.