1. Which of the following operation is supported in python with respect to tuple t?

a) t[1]=33 b) t.append(33)

c) t=t+t d) t.sum()

2. Which of the following is not a valid identifier in Python?

a)KV2 b) \_main c) Hello\_Dear1 d) 7 Sisters

3. Given the following dictionary

employee={'salary':10000,'age':22,'name':'Mahesh'}

employee.pop('age')

print(employee)

What is output?

a. {‘age’:22} b. {'salary': 10000, 'name': 'Mahesh'}

c. {'salary':10000,'age':22,'name':'Mahesh'} d. None of the above

4. What will the following expression be evaluated to in Python?

15.0 // 4 \* 5 / 3

a) 6.25 b) 5 c) 5.0 d) 0.25

Q5 is ASSERTION AND REASONING based questions. Mark the correct choice as

a) Both A and R are true and R is the correct explanation for A

b) Both A and R are true and R is not the correct explanation for

c) A is True but R is False

d) A is false but R is True

5. Assertion (A): A tuple can be concatenated to a list, but a list cannot be

concatenated to a tuple.

Reason (R): Lists are mutable and tuples are immutable in Python.

6.(a) Given is a Python string declaration:

myexam="Russia Ukrain"

Write the output of: print(myexam[-2:2:-2])

(b) Write the output of the code given below:

d1 = {"name": "Aman", "age": 26}

d2 = {27:'age','age':28}

d1.update(d2)

print(d1.values())

7. Find output generated by the following code:

p=10

q=20

p\*=q//3

q+=p=q\*\*2

print(p,q)

Find and write the output of the following python code:

Msg="CompuTer"

Msg1=''

for i in range(0, len(Msg)):

if Msg[i].isupper():

Msg1=Msg1+Msg[i].lower()

elif i%2==0:

Msg1=Msg1+'\*'

else:

Msg1=Msg1+Msg[i].upper()

print(Msg1)

a)Write the output of the code

def L1(D):

CNT = 3

TOTAL = 0

for C in [7,5,4,6]:

T = D[CNT]

TOTAL = float (T) + C

print(TOTAL)

CNT-=1

TXT = ["20","50","30","40"]

L1(TXT)

Write a function INDEX\_LIST(S), where S is a string. The function returns

a list named ‘indexList’ that stores the indices of all vowels of S.

For example: If S is "Computer", then indexList should be [1,4,6]