Q1What will be displayed by the following code?.

total={}

def insert(items):

if items in total:

total[items] += 1

else:

total[items] = 1

insert('Apple')

insert('Ball')

insert('Ap...

a. 3

b. 1

c. 2

d. Error

2.What will be the output when you execute the following code snippet

count = 1

def doThis():

global count

for i in (1, 2, 3):

count += i

doThis()

print (count)

a. 1

b. 2

c. 3

d. 7

3.Choose the appropriate option

Suppose t = (1, 2)

2 \* t is \_\_\_\_\_\_\_\_\_.

a. (1,2)

b. (1,2,1,2)

c. [1,2,1,2]

d. (1,1,2,2)

4.Choose the appropriate option

Suppose t = (1, 2, 4, 3), t[1 : -1] is

1.00

a. (2,4)

b. (2,4,3)

c. (1,2,3)

d. (1,2,3,4)

5.Predict the output

a = ('A',)

n = 2

for i in range(int(n)):

a = (a,)

print(a)

a. ((('A',),),)

b. ('A','A','A')

c. ((('A',)'A',)'A',)

d. ((('A')'A')'A')

6.When you execute the given code ,How many times Welcome to Python will be displayed

for count in range(0, 10,5):

print("Welcome to Python")

a. 1

b. 2

c. 3

d. 5

7.Suppose t = (1, 2, 4, 3, 8, 9), [t[i] for i in range(0, len(t), 2)] is

a. [2,3,9]

b. [1, 2, 4, 3, 8, 9]

c. [1, 4, 8]

d. (1, 4, 8)

8.Which of the following statement is false?

A.Lists are mutable

B.Tuples are mutable

C.Sets are mutable

D.Strings are mutable

a. A And B

b. B And C

c. Both B And D

d. C And D

9.Choose the appropriate option

Suppose s = {1, 2, 4, 3}, what happens when invoking s.add(4)?

a. You cannot add an element from a set.

b. This method is executed fine and 4 is added to the set.

c. This method is executed fine and 4 is not added to the set since 4 is already in the set.

d. Since 4 is already in the set, Python raises a KeyError exception

10.Choose the correct option Which of the following lines of code will result in an error?

a. s={abs}

b. s={4, ‘abc’, (1,2)}

c. s={2, 2.2, 3, ‘xyz’}

d. s={san}

11.What will be the output when you execute the code snippet

S = 'spammy'

S = S[:3] + 'xx' + S[5:]

print(S)

a. spaxxy

b. Spaxx

c. spy

d. Spax

12.what gets printed when you execute the following code snippet

print(type(1/2))

1.00

a. <class 'int'>

b. <class 'float'>

c. <class 'double'>

d. <class 'tuple'>

13.Consider the following incomplete code:

def f(number):

# Missing function body

print(f(5))

The missing function body should be \_\_\_\_\_\_\_\_ to return number.

a. return number

b. print("number")

c. print(number)

d. return "number"

14.What will be the output when you execute the following code snippet

a = True

b = False

c = False

if not a or b:

print(1)

elif not a or not b and c:

print(2)

elif not a or b or not b and a:...

a. 1

b. 3

c. 2

d. 4

15.Predict the output

for variable in range(20):

if variable % 4 == 0:

print(variable,end= " ")

if variable % 16 == 0:

print('A',end=" ")

a. 0 A 4 8 12 16 A

b. 0 4 8 12 A

c. 4 8 12 A

d. 0 A 4 8 12 A