

Question 1

Consider the tuple A=((11,12),[21,22]), that contains a tuple and list. What is the result of the following operation A[1] ? 1 / 1 point

(11,12)

[21,22]

((11,12),[21,22])

Correct

correct, the index 1 corresponds to the second element in the tuple, which contains another list.

Question 2

Consider the tuple A=((11,12),[21,22]), that contains a tuple and list. What is the result of the following operation A[0][1]? 1 / 1 point

21

11

12

Correct

correct, A[0] corresponds to the first nested tuple; we then access the second element of the tuple using the index 1 i.e A[0][1].

Question 3

The method append does the following: 1 / 1 point

adds one element to a list

merges two lists or insert multiple elements to a list

Correct

correct, append-only adds one element.

Question 4

Consider the following list : A=["hard rock",10,1.2]

What will list A contain after the following command is run: del(A[0]) ? 1 / 1 point

[10,1.2]

["hard rock",10,1.2]

["hard rock",10]

Correct

correct, we will delete element zero

Question 5

What is the syntax to clone the list A and assign the result to list B ? 1 / 1 point

B=A

B=A[:]

Correct

correct

Question 6

What is the result of the following: `len(("disco",10))` ? 1 / 1 point

2
6
5

Correct

correct, there are 2 elements in the tuple so the function `len` returns 2

Question 7

Consider the following dictionary:

```
{ "The Bodyguard":"1992", "Saturday Night Fever":"1977"}
```

select the keys 1 / 1 point

"1992"

"1977"

"Saturday Night Fever"

Correct

correct, this is one of the keys

"The Bodyguard"

Correct

correct, this is one of the keys

Question 8

The variable `release_year_dict` is a Python Dictionary, what is the result of applying the following method: `release_year_dict.keys()` ? 1 / 1 point

retrieve the keys of the dictionary

retrieves, the values of the dictionary

Correct

correct, the method returns the keys

Question 9

Consider the Set: `V={'1','2'}`, what is the result of `V.add('3')`? 1 / 1 point

`{'1','2'}`

`{'1','2','3'}`

`{1,2,3}`

Correct

correct

Question 10

What is the result of the following: `'A' in {'A','B'}` ? 1 / 1 point

False

True

Correct

correct