1.

1.What is the output of the following code

atuple = (100, 200, 300, 400, 500)

print(atuple[-2])

print(atuple[-4:-1])

1.IndexError: tuple index out of range

2.400

3. (200, 300, 400)

* 

1,2

* 

2,3

* 

1,3

* 

None

Explanation:

2.

What is the type of the following variable

atuple = ("Orange")

print(type(atuple))

* 

list

* 

tuple

* 

array

* 

str

Explanation:

3.

What is the output of the following tuple operation

atuple = (100,)

print(atuple \* 2)

* 

TypeError

* 

(100, 100)

* 

(200)

* 

 a & b

Explanation:

4.

What is the output of the following dictionary operation

dict1 = {"name": "Mike", "salary": 8000}

temp = dict1.get("age")

print(temp)

* 

KeyError: ‘age’

* 

None

Explanation:

5.

.What is the output of the following code

dict1 = {"key1":1, "key2":2}

dict2 = {"key2":2, "key1":1}

print(dict1 == dict2)

* 

True

* 

False

* 

All of the above

* 

none

Explanation:

6.

Select all the correct ways to copy two sets

1.set2 = set1.copy()

2.set2 = set(set1)

3.set2.update(set1)

4.set2 = set1

* 

1&2

* 

1,2&3

* 

2,3&4

* 

None of the above

Explanation:

7.

What is the output of the following set operation

set1 = {"Yellow", "Orange", "Black"}

set2 = {"Orange", "Blue", "Pink"}

set3 = set2.difference(set1)

print(set3)

* 

{‘Yellow’, ”Black’, ‘Pink’, ‘Blue’}

* 

{‘Pink’, ‘Blue’}

* 

{‘Yellow’, ”Black’}

* 

All of the above

Explanation:

8.

Select all which is true for Python set

1.Sets are unordered

   set doesn’t allow duplicate

   sets are written with curly brackets {}

2.set object does support indexing

   set is mutable

* 

Both 1&2

* 

1

* 

2

* 

None

Explanation: