0. Which of the following statements is used to create an empty set?

A. { } B. set() C. [ ] D. ( )

1. Which of the following is a Python tuple?

a) [1, 2, 3].

b) (1, 2, 3)

c) {1, 2, 3}

d) {}

2. Suppose t = (1, 2, 4, 3), which of the following is incorrect?

a) print(t[3])

b) t[3] = 45

c) print(max(t))

d) print(len(t))

3. What will be the output?

>>>t=(1,2,4,3)

>>>t[1:3]

a) (1, 2)

b) (1, 2, 4)

c) (2, 4)

d) (2, 4, 3)

4. What will be the output?

>>>t=(1,2,4,3)

>>>t[1:-1]

a) (1, 2)

b) (1, 2, 4)

c) (2, 4)

d) (2, 4, 3)

5. What will be the output?

```
>>>t = (1, 2, 4, 3, 8, 9)
>>>[t[i] for i in range(0, len(t), 2)]
```

a) [2, 3, 9].

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

c) [1, 4, 8].

d) (1, 4, 8)

6. What will be the output?

```
d = {"john":40, "peter":45}
d["john"]
```

a) 40

b) 45

c) “john”

d) “peter”

7. What will be the output?

```
>>>t = (1, 2)
>>>2 * t
```

a) (1, 2, 1, 2)

b) [1, 2, 1, 2].

c) (1, 1, 2, 2)

d) [1, 1, 2, 2].

8. What will be the output?

```
>>>t1 = (1, 2, 4, 3)
>>>t2 = (1, 2, 3, 4)
>>>t1 < t2
```

a) True

b) False

c) Error

d) None

9. What will be the output?

```
>>>my_tuple = (1, 2, 3, 4)
>>>my_tuple.append( (5, 6, 7) )
>>>print len(my_tuple)
```

a) 1

b) 2

c) 5

d) Error

10. What will be the output?

```
numberGames = {}
numberGames[(1,2,4)] = 8
numberGames[(4,2,1)] = 10
numberGames[(1,2)] = 12
sum = 0
for k in numberGames:
    sum += numberGames[k]
print len(numberGames) + sum
```

a) 30

b) 24

c) 33

d) 12