202109-90230 CS021A QR:Cptr Prog I: Python (Gold)   Course Materials

Module 10 - Dictionaries and Sets   Take Test: Quiz 10

Take Test: Quiz 10

Test Information

Description	Please watch the videos and read the textbook chapter 9 before attempting the quiz
Instructions	
Multiple Attempts	This test allows multiple attempts.
Force Completion	This test can be saved and resumed later.

Click Save and Submit to save and submit. Click Save All Answers to save all answers.

Save All Answers   Save and Submit

QUESTION 1

1 points ✔ Saved

```
basket = {'apples':10, 'oranges': 20, 'bananas': 12}

print(basket[0])
```
[throws error ▾]
```
print(basket['apples'])
```
[10 ▾]
```
print(basket['plums'])
```
[throws error ▾]

```
print(basket.get('oranges','ok'))
```
[20 ▾]
```
print(basket.get('plums','ok'))
```
[ok ▾]

QUESTION 2

1 points ✔ Saved

In a Python dictionary object, the key should be
[immutable ▾]

QUESTION 3

1 points ✔ Saved

You use _____ to delete an element from a dictionary

○ The `erase` statement

◉ The del statement

○ The `delete` statement

Click Save and Submit to save and submit. Click Save All Answers to save all answers.

[Save All Answers]   S   1 points ✔ Saved

○ random()

○ pop()

○ rand_pop()

◉ popitem()

QUESTION 5　　　　　　　　　　　　　　　1 points　✔ Saved

The _____ method returns all of a dictionary's keys and their associated values as a sequence of tuples

○ values()

○ key_values()

◉ items()

○ get()

QUESTION 6　　　　　　　　　　　　　　　1 points　✔ Saved

To add a single element to a set, the usual choice is
[add() ▾] method

To add multiple elements to a set in a single shot, we use
[update() ▾] method

QUESTION 7　　　　　　　　　　　　　　　1 points　✔ Saved

This set method removes an element, but does not raise an exception if the element is not found

○ erase

◉ remove

○ discard

○ delete

Click Save and Submit to save and submit. Click Save All Answers to save all answers.

1 points　　Save Answer

Save All Answers　　Save and Submit

set1 [⌄] set2 performs set difference

set1 [⌄] set2 performs symmetric set difference

QUESTION 9   1 points   ✔ Saved

```
set1 = set([1,2,3,4])
set2 = set([3,4,5,6])
print(set1.union(set2))
```
[{1,2,3,4,5,6} ⌄]
```
print(set1.intersection(set2))
```
[{3,4} ⌄]

```
print(set1.difference(set2))
```
[{1,2} ⌄]

```
print(set2.difference(set1))
```
[{5,6} ⌄]

```
print(set1.symmetric_difference(set2))
```
[{5,6} ⌄]

QUESTION 10   1 points   ✔ Saved

```
set1 = set([1,2])
set2 = set([1,2,3,4,5,6])
print(set1.issubset(set2))
```
[True ⌄]

```
print(set1.issuperset(set2))
```

```
print(set1 >= set2)
```

False ⌄

Click Save and Submit to save and submit. Click Save All Answers to save all answers.

Save All Answers   Save and Submit