

# CS23336-Introduction to Python Programming

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## Question 1

Complete

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### Question text

Which of the following are true of Python dictionaries:

- a) All the keys in a dictionary must be of the same type.
- b) Items are accessed by their position in a dictionary.
- c) A dictionary can contain any object type except another dictionary.
- d) Dictionaries can be nested to any depth.
- e) Dictionaries are mutable.
- f) Dictionaries are accessed by key.

Question 1 Answer

☐

a.

c,d,e

☐

b.

b,c

☐

c.

a,b

☒

d.

d,e,f

## Question 2

Complete

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### Question text

What will be the output of the following Python code snippet?

```
a={}
a['a']=1
a['b']=[2,3,4]
print(a)
```

Question 2 Answer



a.

{'b': [2, 3, 4], 'a': 1}



b.

Error



c.

{'b': [2], 'a': [3]}



d.

{'b': [2], 'a': 1}

### Question 3

Complete

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Flag question

#### Question text

In Python, Dictionaries are immutable

Question 3 Select one:



True



False

### Question 4

Complete

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Flag question

#### Question text

Suppose d = {"john":40, "peter":45}, to delete the entry for "john" what command do we use?

Question 4 Answer



a.

d.delete("john":40)



b.

del d["john"]



c.

del d("john":40)




d.

d.delete("john")

### Question 5

Complete

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 Flag question

### Question text

\_\_\_\_\_ datatype fall under mapping.


Question 5 Answer

- ☒ a. Dictionary
- ☐ b. Tuple
- ☐ c. String
- ☐ d. List

### Question 6

Complete

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 Flag question

### Question text

Which of the following is feature of Dictionary?


Question 6 Answer

- ☐ a. Keys must be of an immutable data type.
- ☒ b. All of the mentioned
- ☐ c. Dictionary is mutable.
- ☐ d. Keys are unique within a dictionary.

### Question 7

Complete

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 Flag question

### Question text

Dictionaries are flexible in nature, means elements can be added or removed from it.


Question 7 Answer

- ☒ a. False
- ☐ b. True

### Question 8

Complete

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### Question text

Which one of the following is correct?

Question 8 Answer



a.

A dictionary can have two same values with different keys.



b.

A python, a dictionary can neither have two same keys nor two same values.



c.

A dictionary can have two same keys with different values.



d.

A dictionary can have two same keys or same values but cannot have two same key-value pair

## Question 9

Complete

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Flag question

### Question text

What does the following code print?

```
names = {'Janice': 5, 'Emily': 3, 'John': 7, 'Eleanor': 2}
list_o_names = []
names['Emily'] += 10
names['Erik'] = 22
```

```
for name in names:
    if names[name] > 5:
        list_o_names.append(name)
print(list_o_names)
```

Question 9 Answer



a.

['Janice', 'John', 'Erik']



b.

['Emily', 'John', 'Erik']



c.

['Janice', 'Emily', 'John', 'Eleanor']



d.

['Janice', 'Emily', 'John']

## Question 10

Complete

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Flag question

Question text

In dictionary Keys and values are separated by \_\_\_\_.

Question 10 Answer

☒

a.

Colon ( : )

☐

b.

Comma( , )

☐

c.

Semicolon(;)


☐

d.

dot(.)

Question 11

Complete  
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 Flag question

Question text

What will be the Output of the following code?  
dl={1:10, 2:20, 3:30, 4:40}  
d2={5:50, 6:60, 7:70}  
dl.update (d2)  
print (dl)

Question 11 Answer

☐

a.

[1: 10, 2: 20, 3: 30, 4: 40, 5: 50, 6: 60, 7: 70]

☐

b.

{1:10, 2: 20, 4: 40, 5: 50, 6: 60, 7: 70}

☐

c.

[(1, 10), (2, 20), (3, 30), (4, 40), (5, 50)]


☒

d.

{1: 10, 2: 20, 3: 30, 4: 40, 5: 50, 6: 60, 7: 70}

Question 12

Complete  
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 Flag question

Question text


Key - value concept is in \_\_\_\_.

Question 12 Answer

- ☐
- a.  
Tuple
- ☒
- b.  
Dictionary
- ☐
- c.  
List
- ☐
- d.  
String

### Question 13

Complete  
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 Flag question

#### Question text


Which of the following function create a dictionary from a sequence of key-value pairs

Question 13 Answer

- ☒
- a.  
dict( )
- ☐
- b.  
dictionary( )
- ☐
- c.  
convert( )
- ☐
- d.  
create( )

### Question 14

Complete  
Marked out of 1.00

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#### Question text


A = {"A" : "Apple", "B" : "Ball", "C" : "Cat"} Which of the following statement will return : dict\_items([('A', 'Apple'), ('B', 'Ball'), ('C', 'Cat')])

Question 14 Answer

- ☐
- a.  
print(A.values( ))
- ☐
- b.  
print(A.get( ))
- ☒
- c.  
print(A.Items( ))
- ☐
- d.  
print(A.keys( ))

### Question 15

Complete  
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#### Question text

\_\_\_\_\_ function returns the value corresponding to the key passed as the argument.

Question 15 Answer

Question 10 Answer

- ☐ a.  
update( )
- ☐ b.  
del( )
- ☐ c.  
values( )
- ☒ d.  
get( )

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