



INDIAN SCHOOL NIZWA - WORKSHEET

INFORMATICS PRACTICES PYTHON – Dictionary

Name: _____

Date: _____

Class: XI Sec: ____

1.

```
my_dict = {}  
my_dict[1] = 1  
my_dict['1'] = 2  
my_dict[1.0] = 4  
sum = 0  
for k in my_dict:  
    sum += my_dict[k]  
print (sum)
```
2. What will be the output?

```
d = {"john":40, "peter":45}  
"john" in d
```
3. Suppose `d = {"john":40, "peter":45}`, to obtain the number of entries in dictionary what command do we use
a. `d.size()` b. `len(d)` c. `size()` d. `len()`
4. Which of the following statements create a dictionary?
a) `d = {}` b) `d = {"john":40, "peter":45}`
c) `d = {40:"john", 45:"peter"}` d) All of the mentioned
5. Which of these about a dictionary is false?
a) The values of a dictionary can be accessed using keys
b) The keys of a dictionary can be accessed using values
c) Dictionaries aren't ordered
d) Dictionaries are mutable
6.

```
a={1:"A",2:"B",3:"C"}  
for i,j in a.items():  
    print(i,j,end=" ")
```


a) 1 A 2 B 3 C b) 1 2 3 c) A B C d) 1:"A" 2:"B" 3:"C"



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7. `a={1:"A",2:"B",3:"C"}`
`print(a.get(1,4))`
a) 1 b) A c) 4 d) Invalid syntax for get method
8. `a={1:"A",2:"B",3:"C"}`
`b={4:"D",5:"E"}`
`a.update(b)`
`print(a)`
a) {1: 'A', 2: 'B', 3: 'C'} b) Method update() doesn't exist for dictionaries
c) {1: 'A', 2: 'B', 3: 'C', 4: 'D', 5: 'E'} d) {4: 'D', 5: 'E'}
9. `a={1:"A",2:"B",3:"C"}`
`a.clear()`
`print(a)`
a) None b) { None:None, None:None, None:None } c) {1:None, 2:None, 3:None} d) { }
11. `a={1:5,2:3,3:4}`
`a.pop(3)`
`print(a)`
a) {1: 5} b){1: 5, 2: 3} c)Error, syntax error for pop() method d){1: 5, 3: 4}
12. `a={1:5,2:3,3:4}`
`print(a.pop(4,9))`
a)9 b) 3 c)Too many arguments for pop() method d)4
13. `a={1:"A",2:"B",3:"C"}`
`for i in a:`
`print(i,end=" ")`
a)1 2 3 b) 'A' 'B' 'C' c) 1 'A' 2 'B' 3 'C' d)Error, it should be: for i in a.items():
14. `>>> a={1:"A",2:"B",3:"C"}`
`>>> a.items()`
a) Syntax error b) dict_items([('A'), ('B'), ('C')])
c) dict_items([(1,2,3)]) d) dict_items([(1, 'A'), (2, 'B'), (3, 'C')])