

- 1) A dictionary is a collection of unordered set of key:value pairs, with the requirement that keys are unique in one dictionary.
- 2) Unlike lists and strings where elements are accessed using index value.
- 3) The values in dictionary are accessed using keys.
- 4) A key in dictionary can be any immutable type like strings, number & tuples.
- 5) As lists are mutable - that is, can be modified using index assignments, slicing or using methods like append(), extend() etc, they cannot be a key for dictionary.
- 6) There are two ways

$d = \{ \}$

(a)

$d = \text{dict}()$

NOTES

Qn:-

```
d = {}
```

```
d["mango"] = "Fruit"
```

```
d["Banana"] = "Fruit"
```

```
d["Cucumber"] = "veg"  
print(d)
```

o/p:-

```
{'mango': 'Fruit', 'Banana':  
'Fruit', 'Cucumber': 'veg'}
```