1. What does an empty dictionary's code look like?

**Ans: d={} or d=dict()**

1. What is the value of a dictionary value with the key 'foo' and the value 42?

**Ans: 42**

3. What is the most significant distinction between a dictionary and a list? **Ans: Dictionary – is an unordered collection of items which is stored as key value pair and fetched by specifying the key whereas List is an ordered collection of items fetched by using the index.**

4. What happens if you try to access spam['foo'] if spam is {'bar': 100}?

**Ans: Key error**

5. If a dictionary is stored in spam, what is the difference between the expressions 'cat' in spam and 'cat' in spam.keys()?

**Ans: No difference, both return a Boolean value and check for the availability of ‘cat’ key in spam**

6. If a dictionary is stored in spam, what is the difference between the expressions 'cat' in spam and 'cat' in spam.values()?

**Ans: in operator looks for ‘cat’ key in spam dictionary but ‘cat’ in spam.values() looks for ‘cat’ value in spam dictionary**.

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

**Ans: spam.setdefault('color',"black")**

8. How do you "pretty print" dictionary values using which module and function?

**Ans: Function : pprint.pprint()**

**Module: pprint**