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

**Ans.**

Dictionary = {} # empty dictionary

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

**Ans.**

Dct = {‘foo’:42}

**3. What is the most significant distinction between a dictionary and a list?**

**Ans.**

A list is an ordered collection of items but the items in a dictionary are unordered.

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

**Ans.**

if you try to access spam['foo'] if spam is {'bar': 100} , it will show a error message as **KeyError**.

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

**Ans.**

There is no any difference between these two expressions, both the expressions will check whether a key names as ‘cat’ present in that dictionary or not.

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

**Ans.**

**‘cat’ in spam** checks whether a key named as ‘cat’ present in the dictionary.

**'cat' in spam.values()** checks whether there is a value ‘cat’ for any key in the 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.**

By using **pprint** module and **pprint()** function we can **“pretty print”** dictionary values.

That is - pprint.pprint()