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

Ans: a = {}

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

Ans: {‘foo’:42}

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

Ans Dictionary is a collection of Keys & values where the list is a collection of elements

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

Ans: Will get KeyError 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: There will be no difference

**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 will ckeck if there is any ‘cat’ key where cat in spam.values() will check if there is ‘cat’ in value.

**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: import pprint

pprint.pprint()