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

Spam={}

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

{‘foo’ : 42}

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

List items are ordered whereas dictionary items are unordered.

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

We will get a KeyError.

**5. What is the difference between the terms 'cat' in spam and 'cat' in spam if a dictionary is contained in spam?**

What is the function keys()?

There is no difference. The in operator checks whether a value exists as a key in the dictionary.

6**. What is the difference between the terms 'cat' in spam and 'cat' in spam.values() when a dictionary is contained in spam?**

The 'cat' in spam checks whether there is a 'cat' key in the dictionary, while 'cat' in spam.values() checks whether there is a value 'cat' for one of the keys in spam.

7**. What is the quickest way to type the following code?**

**if the word 'colour' isn't in spam:**

**'black' for spam['color']**

**if colour not in spam:**

**Spam[‘colour’] = ‘black’**

spam.setdefault(‘color’,’black’)

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

Import pprint

pprint.pprint()