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

A) In Python Dictonaries are used to store data in key-value fashion. They usually enclosed in curly barces followed by keys and their values.

Inorder to create an empty dictonary. We use dict={}

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

A) dict{‘foo’:42}

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

A) Dictionary are used to store data in key-value pairs while list are used to data in linear fashion

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

A) your query will return key-error as you’re trying to access ‘foo’ while spam is a dictionary and it only contains one key named as bar

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

A)there is no significant difference

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

A) cat in spam checks if they is any key named cat but spam.values will checks all the keys in dictionary which they are having their value as ‘cat’

**7. What is a shortcut for the following code?**

if 'color' not in spam:

spam['color'] = 'black'

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

A)pprint.pprint()