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

**Answer – A={}**

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

**Answer - 42**

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

**Answer – Significant difference is of indexing. In a list, indexing is done in a fixed continuous manner whereas indexing in a dictionary is not fixed continuous but is done through assigning keys to every value.**

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

**Answer – It will show an error describing that key is not found or assigned.**

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

**Answer – Expressions spam[‘cat’] gives the value with respect to the key cat in the dictionary spam while spam.keys() shows the list of all the keys available in spam dictionary.**

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

**Answer – Expressions spam[‘cat’] gives the value with respect to the key cat in the dictionary spam while spam.keys() shows the list of all the values available in spam dictionary.**

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

**Answer – spam.update({‘color’:’black’})**

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

**Answer – pprint module and function pprint() is used for pretty print.**