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

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

3. What is the most significant distinction between a dictionary and a list?  
list is ordered collection where as dict is unordered collection

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

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

6. If a dictionary is stored in spam, what is the difference between the expressions 'cat' in spam and 'cat' in spam.values()?   
cat in spam – Check for keys()  
cat in spam.values() – check for value ‘cat’ across keys in spam

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

A:  
if 'color' not in spam: spam['color'] = 'black'

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

import pprint  
pprint.pprint({‘name’: ‘aaa’, ‘age’: 24})