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

Ans.) Two curly brackets: {}

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	List
Unordered hashed structure of key and value pairs.	Ordered structure containing index value pairs

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

Ans.) KeyError is shown

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

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 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 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.)pprint.pprint()