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

2. What is the value of a dictionary value with the key 'foo' and the value 42?
   Sol.) {'foo': 42}

3. What is the most significant distinction between a dictionary and a list?
   Sol.) dictionary are unordered and lists are ordered.

4. What happens if you try to access spam['foo'] if spam is {'bar': 100}?
   Sol.) This will give us key error as key is 'bar' not 'foo'

5. If a dictionary is stored in spam, what is the difference between the expressions 'cat' in spam and 'cat' in spam.keys()?
   Sol.) There is no difference in the two.

6. If a dictionary is stored in spam, what is the difference between the expressions 'cat' in spam and 'cat' in spam.values()?
   Sol.) 'cat' in spam will check whether it matches the key of dictionary or not and 'cat' in spam.values() will check whether 'cat' matches values of dictionary named spam.

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

Sol.) We can do it by using 'setdefault' method: spam.setdefault('color', 'black')

8. How do you "pretty print" dictionary values using which module and function?
   Sol.) We can call pprint() method from module pprint as pprint.pprint()