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

Ans: {}

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 stores elements as key value pair and a list does not store as key value pair.

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

Ans: 

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

Ans: it is a string value in the expression and for the dictionary spam, it is a key.

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

Ans: It checks is there is any value as ‘cat’ in the dictionary for any of the keys.

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

**Ans: No idea**

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

***Could not understand the question.***