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

Dict={}

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

Dict={‘foo’:42}

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

Dictionary is unordered and list is ordered

In Dictionary items are accessed by keys and in list items are accessed by index.

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

Error as ‘foo’ is not present as key in the dictionary

5. What is the difference between the terms 'cat' in spam and 'cat' in spam if a dictionary is contained in spam?

In first case its string value

In second case it can be key or a value

What is the function keys()?

Is used to access all the keys in dict.

6. What is the difference between the terms 'cat' in spam and 'cat' in spam.values() when a dictionary is contained in spam?

‘cat’ in spam.value() means it is value in a dictionary ( which has key value pairs)

7. What is the quickest way to type the following code?

if the word 'colour' isn't in spam:

'black' for spam['color']

spam=['balck','green']

['black' for i in spam if i!='black']

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

Dictionary.values()